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BASE MAPS COMPILED FROM THE 1983-1984 TAGGING STUDIES,
UPPER COOK INLET, ALASKA

By

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INTRODUCTION

During 1983 and 1984 the State of Alaska, Department of Fish and Game (ADF&G) conducted an adult salmon tagging study in Upper Cook Inlet (Figure 1). The objectives of the study were to: (1) assess spatial and temporal migratory behavior of salmon entering the inlet; (2) estimate the exploitation rate of the commercial fishery for chum salmon, coho salmon, and pink salmon; and (3) determine the feasibility of capturing and sonic tagging chinook salmon migrating along the western shore of the Kenai Peninsula. The findings of this investigation are presented in Tarbox (in press). However, during the preparation of the formal report it became apparent that the individual tag and recapture location base maps, used to visualize the data, had an intrinsic value. Therefore, this document has been prepared to archive these base maps for use by future investigators.

METHODS

During 1983 and 1984 a chartered 12.8-m purse seine vessel was used to capture salmon for tagging in the deeper waters of the inlet. The purse seine used was 150 fathoms in length and 10 fathoms deep. In addition, during 1984 a second vessel (6.7-m) was used near shore at Anchor Point. A shallow water purse seine was used to capture migrating adult salmon at this location.

Salmon captured were retained in a loosely held seine until time of tagging at which time they were individually dipped from the seine with a fine mesh knotless longhandled dipnet. A foam lined tagging cradle was used to restrain fish and each fish was tagged with an individually numbered Floy spaghetti tag. The tag was inserted through the cartilage immediately ventral and posterior to the dorsal fin and secured with an overhand knot.

Data summarization was completed for each species by tallying return information into a variety of forms. These are detailed in Tarbox (in press). The base maps presented herein were compiled directly from individual maps provided to fisherman for reporting capture location. In the case where information provided was incomplete the author attempted to contact the fisherman to clarify the data set. However, this was often not productive and, therefore, only those returns known to be valid were used in the analysis. This resulted in differential sample sizes for the various components of the study.

The base maps should only be used to define location of capture and distance to recapture. However, as a general rule, the capture of fish in the middle of the inlet came predominately from the drift gill net fleet, those from immediately adjacent to the shore from the set gill net fisheries, and those south of Anchor Point from the purse seine fishery. Stream and river recoveries came from both sport fisheries and ADF&G salmon counting programs. Raw data on all recaptures are stored in the Soldotna office, ADF&G, archives.

RESULTS

Forty three purse seine sets were made between 1983 and 1984 in the offshore waters of the inlet. In addition, 20 sets were made near shore in the vicinity of Anchor Point in 1984. Sockeye salmon were the predominate species captured with 4198 fish tagged. A total of 1078 chum salmon, 252 coho salmon, 246 pink salmon, and 26 chinook salmon were also tagged during the study. Recaptures numbered 1509, 170, 53, 26, and 6 for sockeye, chum, coho, pink, and chinook salmon, respectively.

Base maps used to calculate migratory rates and distance data presented in Tarbox (in press) are found in Figures A1 to A117. During the course of the investigation it became apparent that handling the sheer volume of data generated by this study led to a few minor errors in data recording and summarization. As these became apparent during cross checking of the data files, the base maps were corrected. Therefore, this set of base maps should be considered the final set and any maps proceeding this set viewed accordingly.

LITERATURE CITED

Tarbox, K.E. In press. Migratory rate and behavior of salmon in Upper Cook Inlet, Alaska 1983-1984. Alaska Department of Fish and Game, Division of Commercial Fisheries, Fishery Research Bulletin series, Juneau.

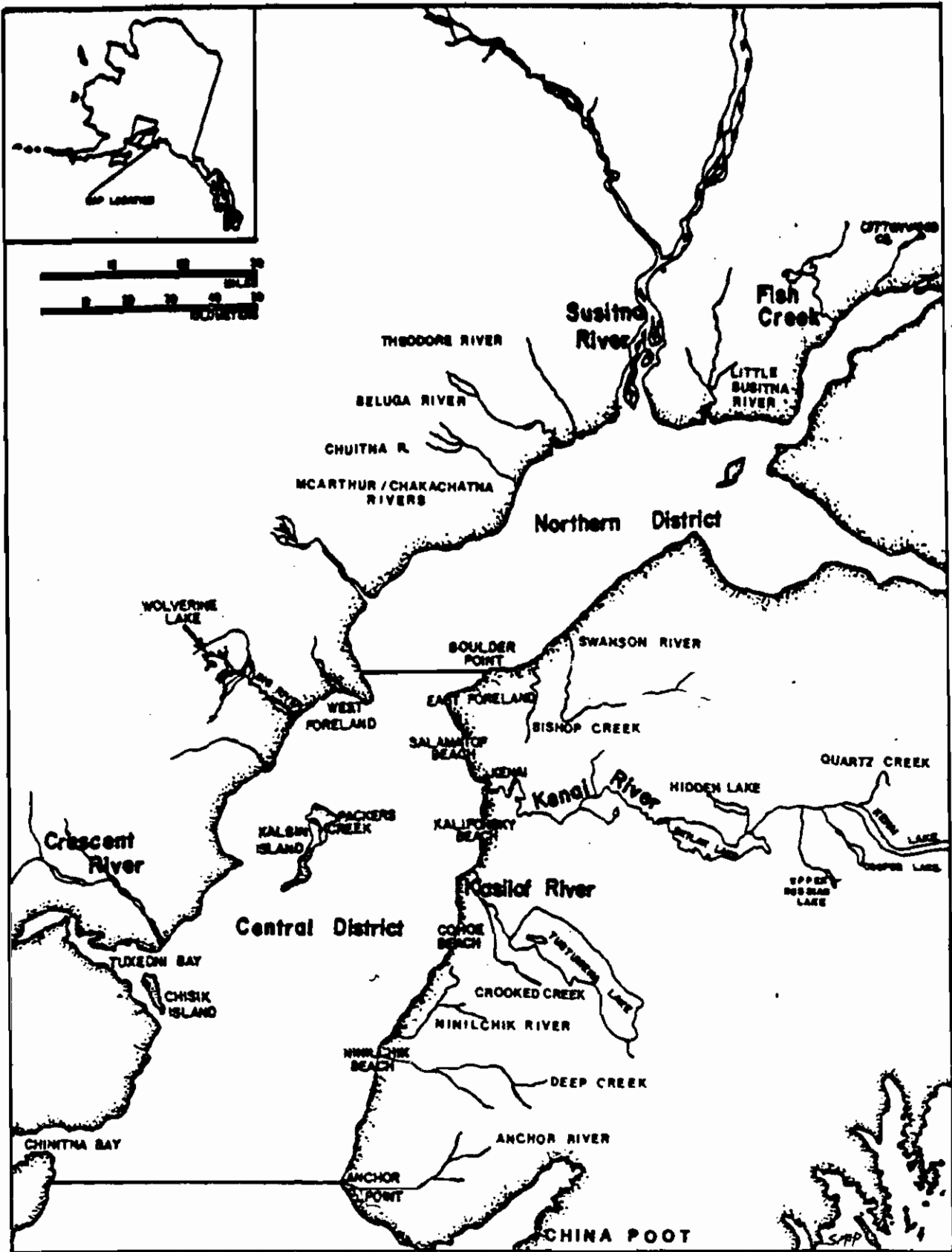


Figure 1. The Upper Cook Inlet area showing the locations of the Northern and Central Districts and the major sockeye salmon spawning drainages.

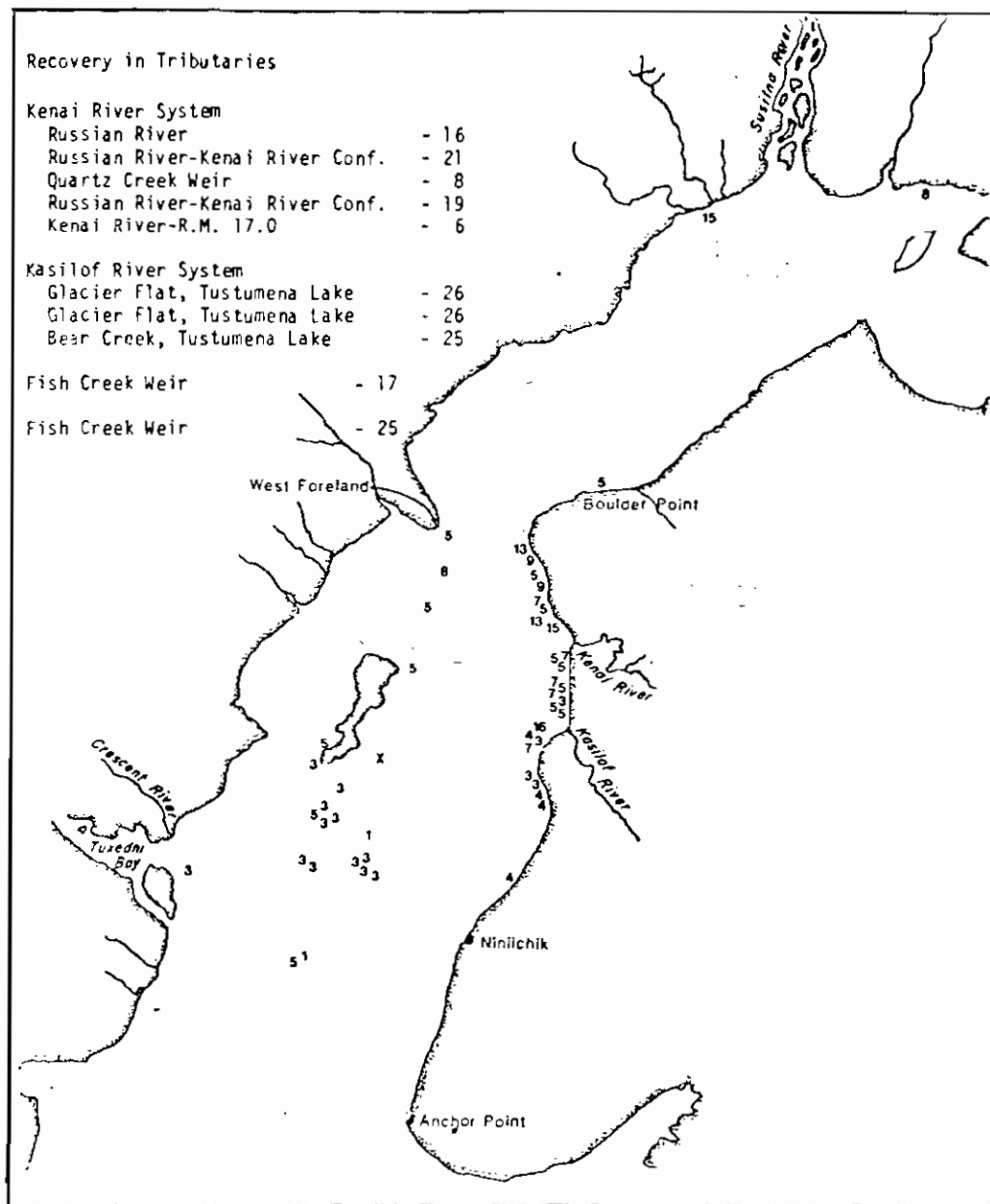


Figure A1. Location (X) of a single purse seine set on 10 July that resulted in the tagging and release of 174 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 10 July 1983.

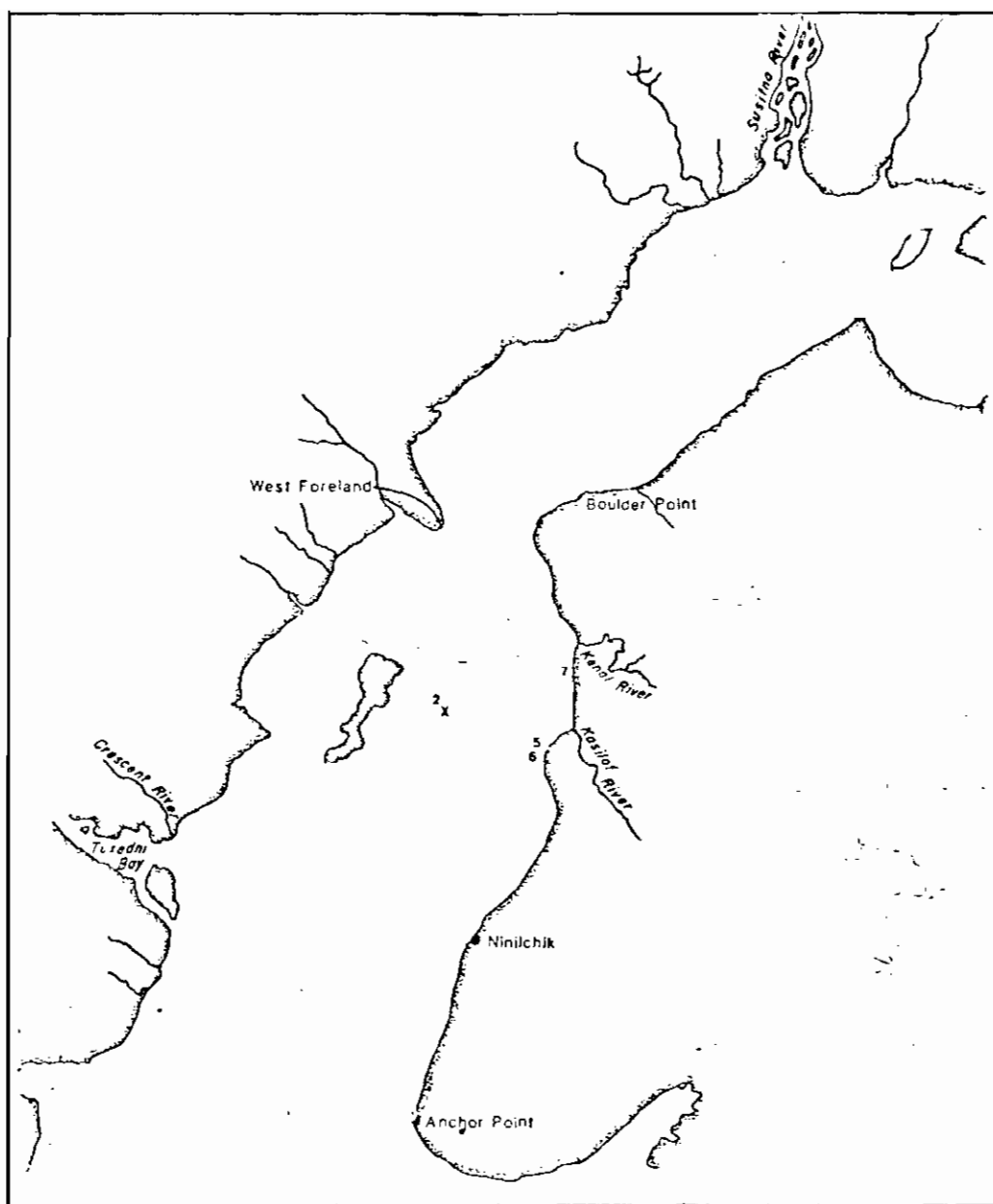


Figure A2. Location (X) of a single purse seine set on 13 July that resulted in the tagging and release of 15 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1983.

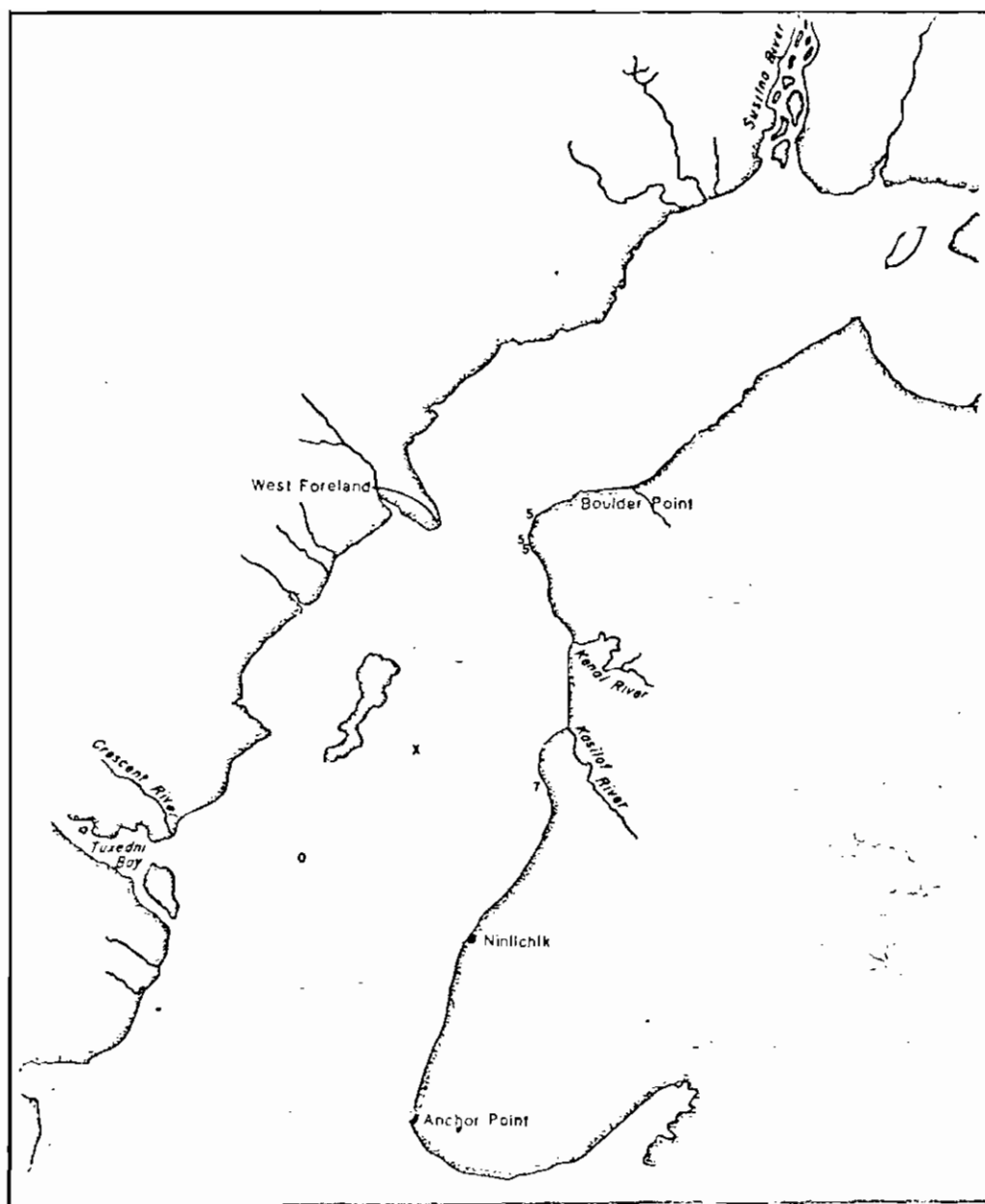


Figure A3. Location (X) of a single purse seine set on 13 July that resulted in the tagging and release of 18 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1983.

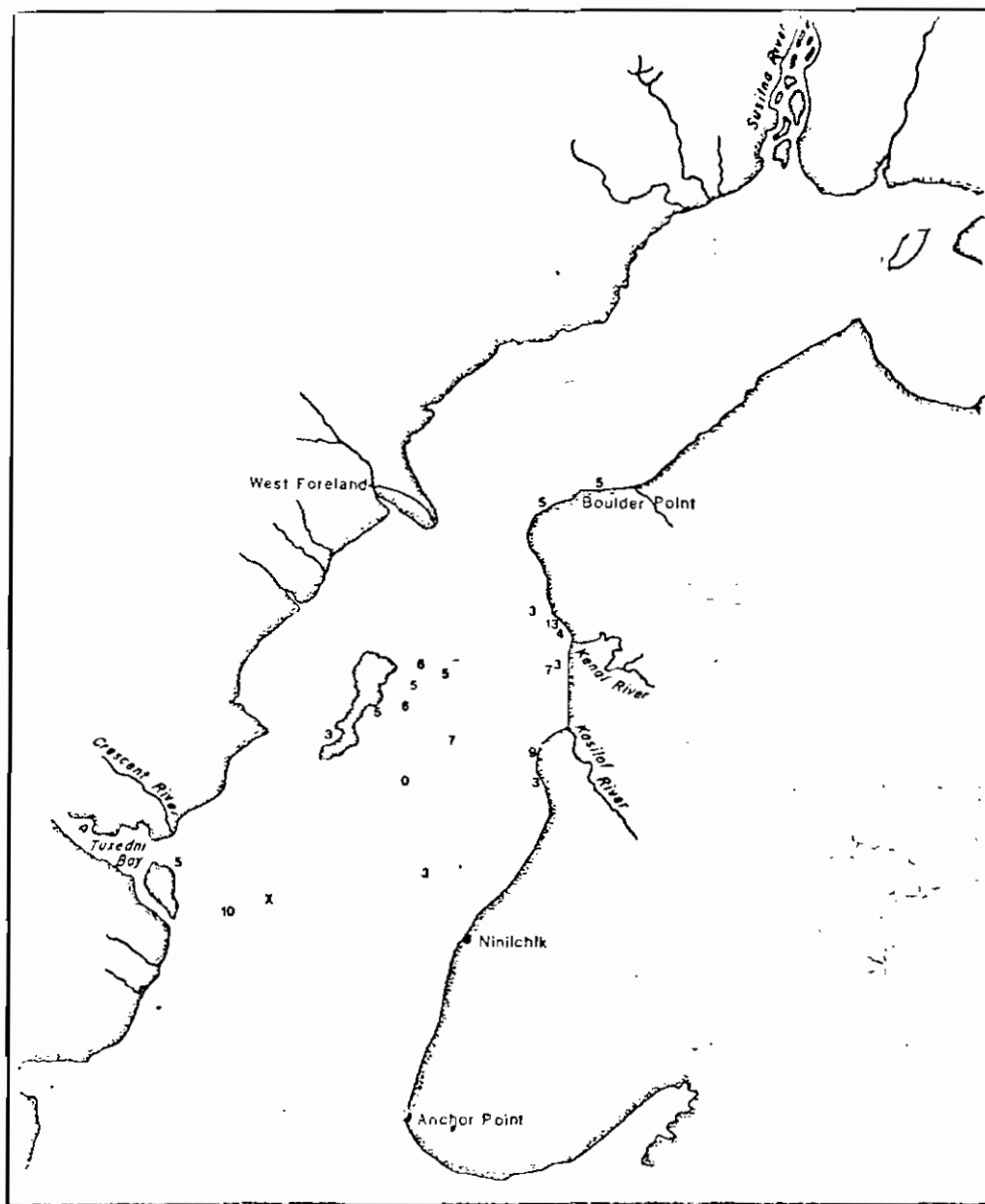


Figure A1. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 45 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1983.

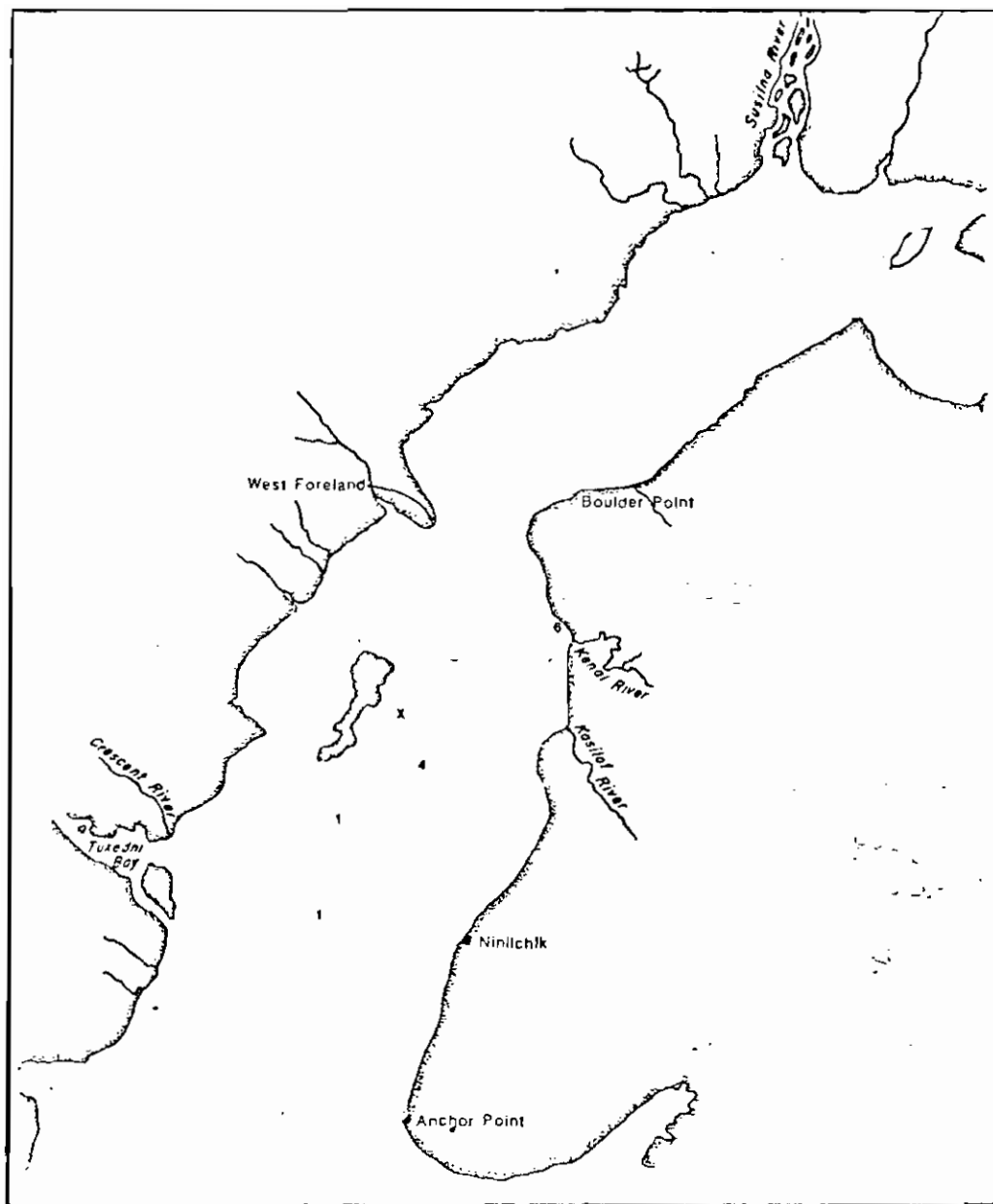


Figure A5. Location (X) of a single purse seine set on 17 July that resulted in the tagging and release of 8 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 17 July 1983.

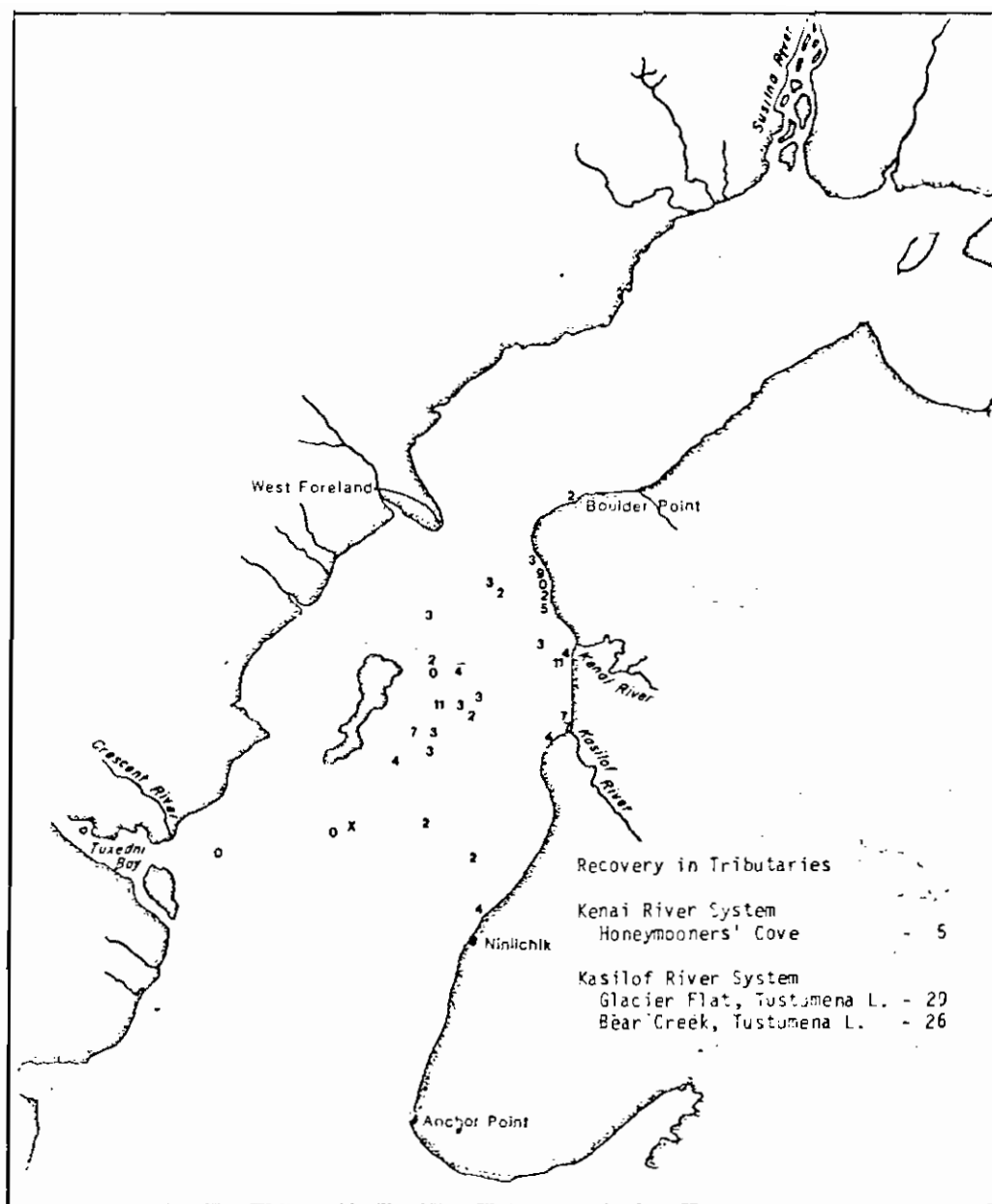


Figure A6. Location (X) of a single purse seine set on 18 July that resulted in the tagging and release of 64 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 18 July 1983.

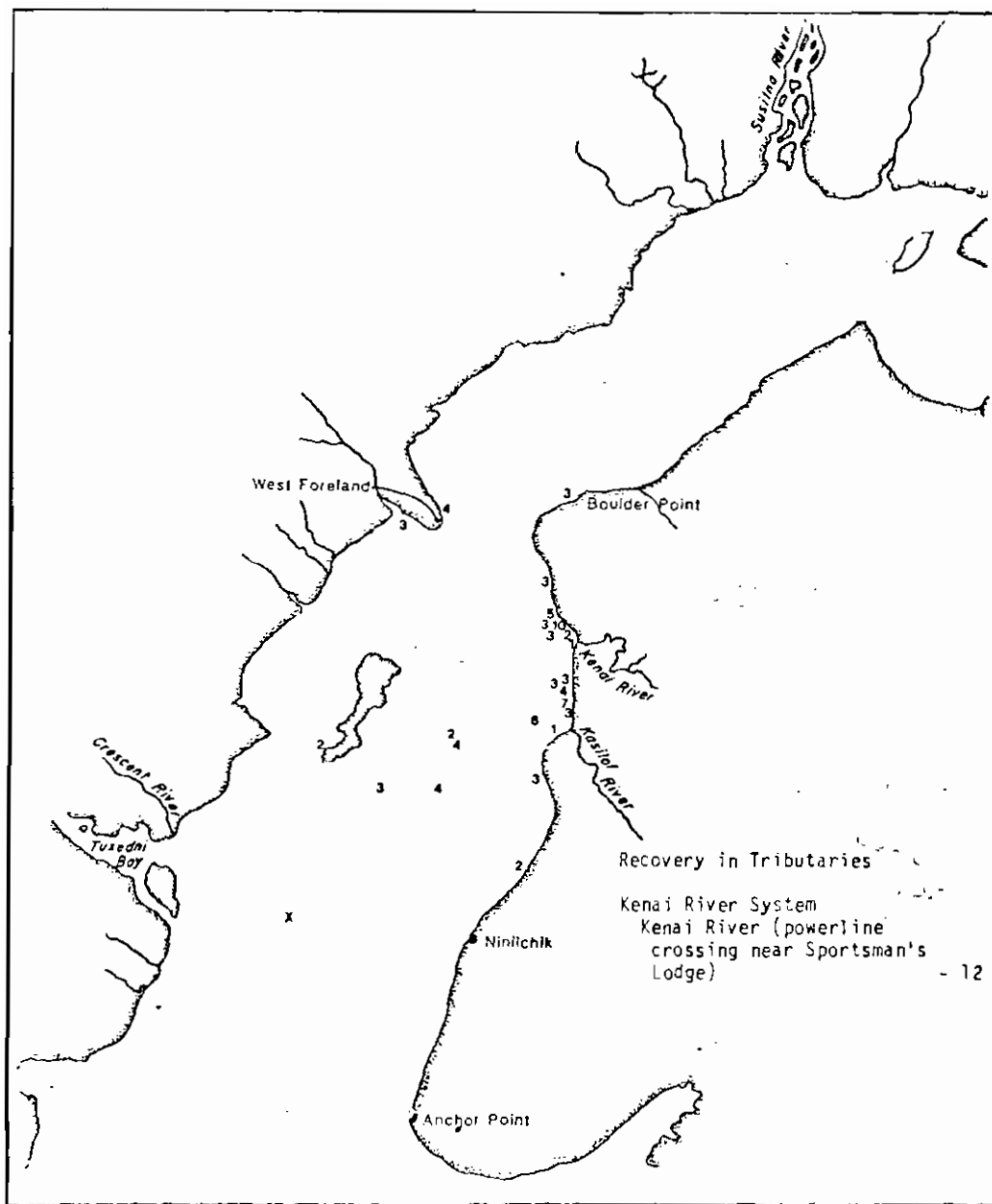


Figure A7. Location (X) of a single purse seine set on 18 July that resulted in the tagging and release of 43 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 18 July 1983.

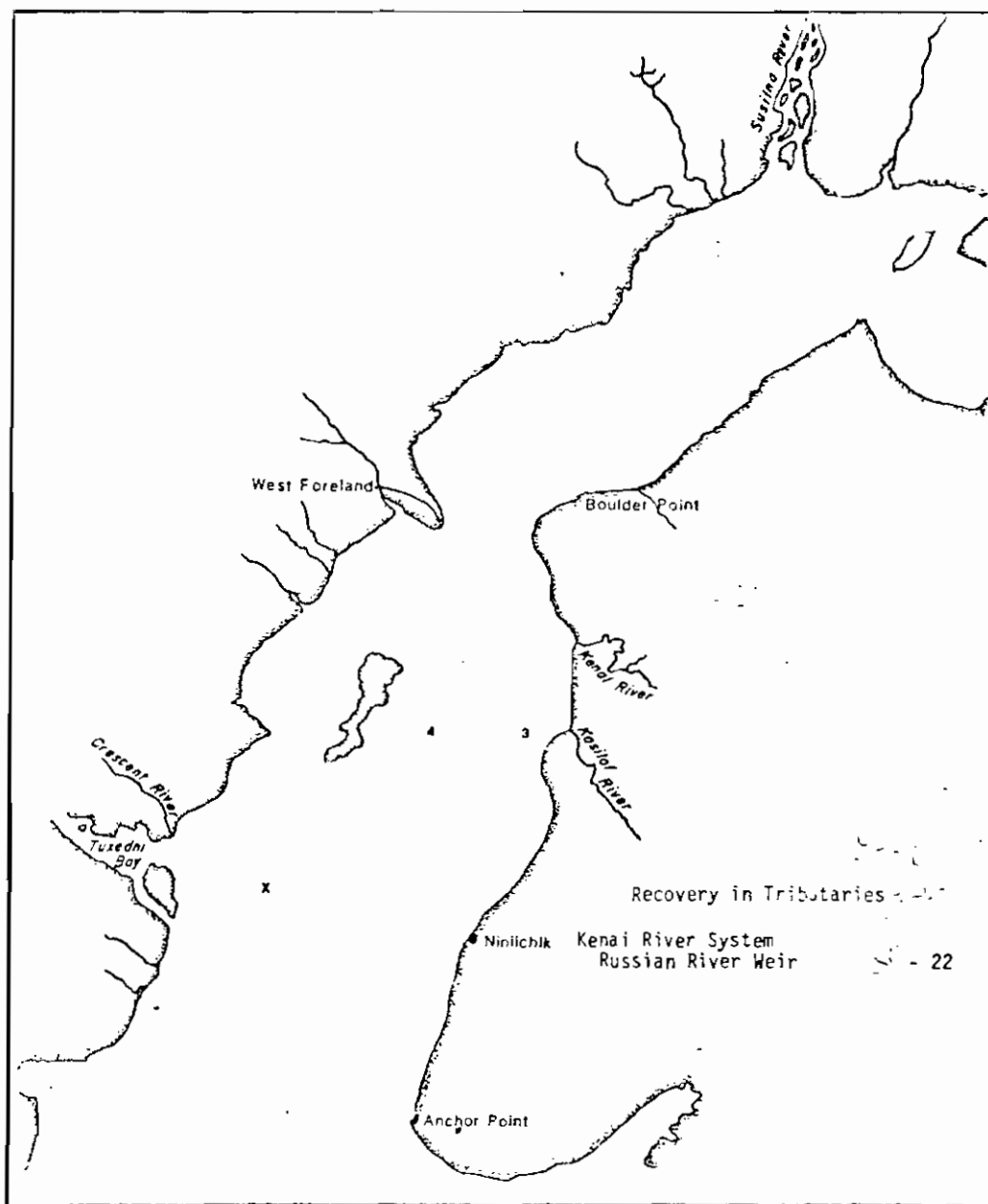


Figure 49. Location (X) of a single purse seine set on 18 July that resulted in the tagging and release of 4 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 18 July 1983.

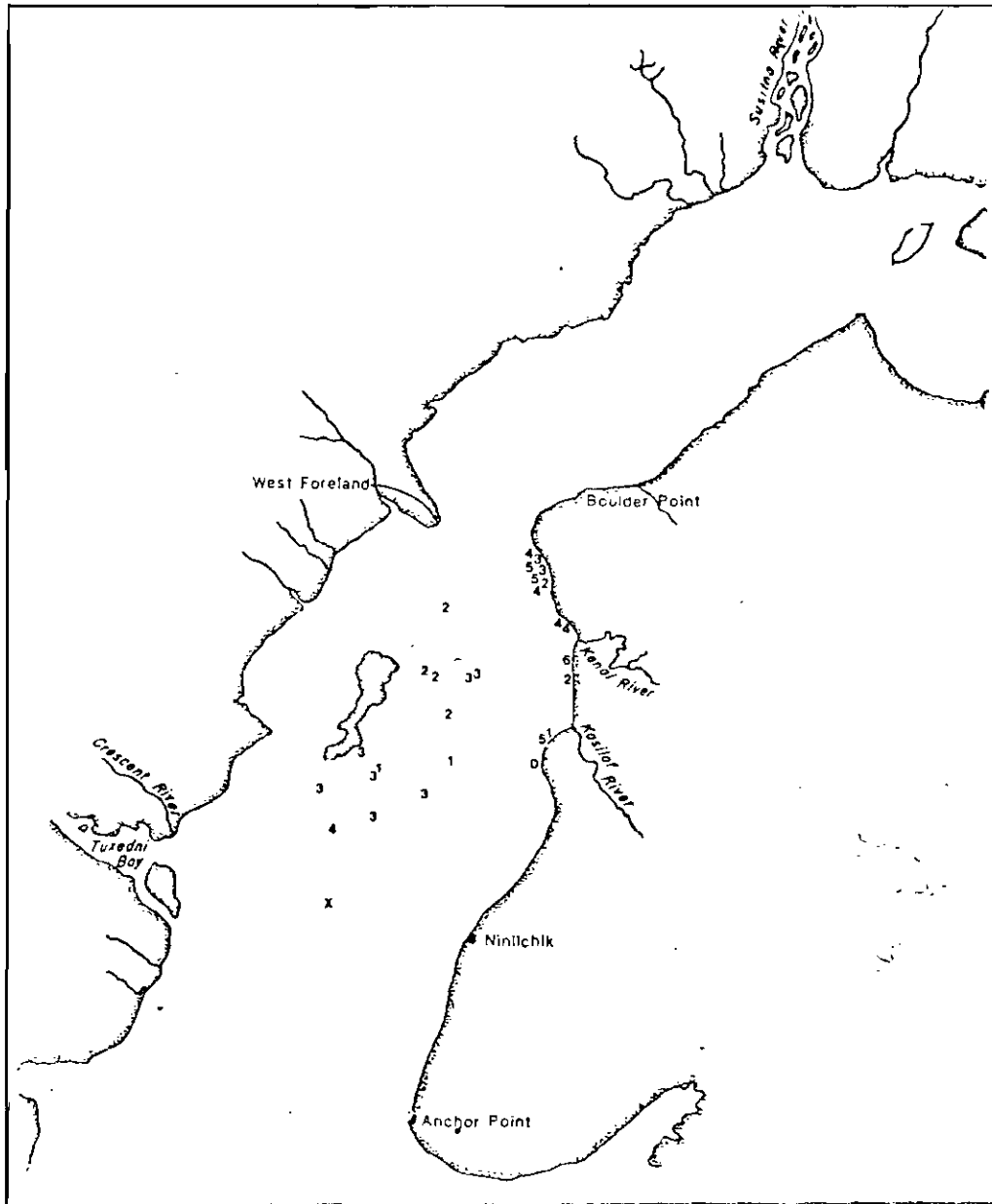


Figure A9. Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 79 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983.

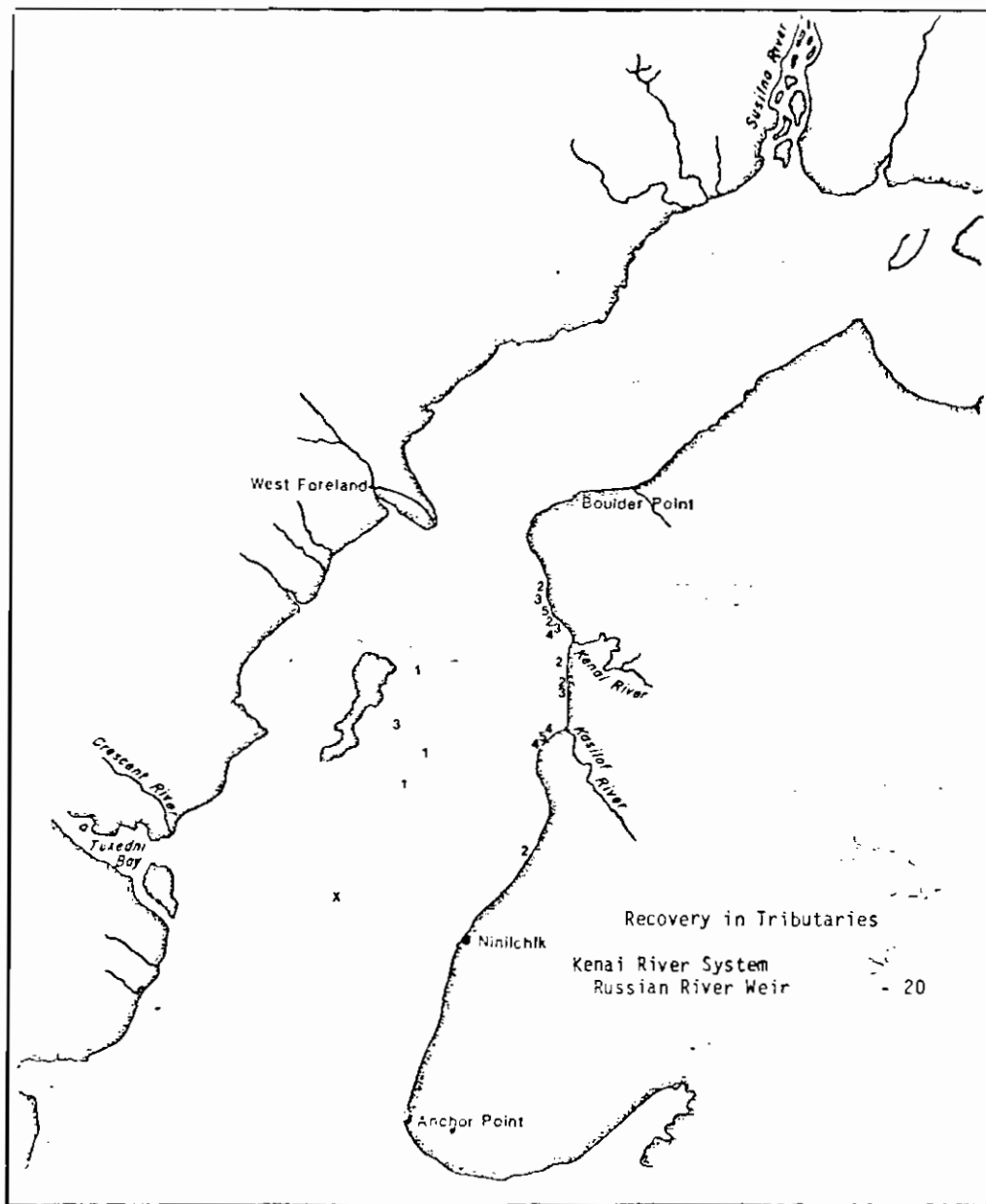


Figure A10. Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 44 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983.

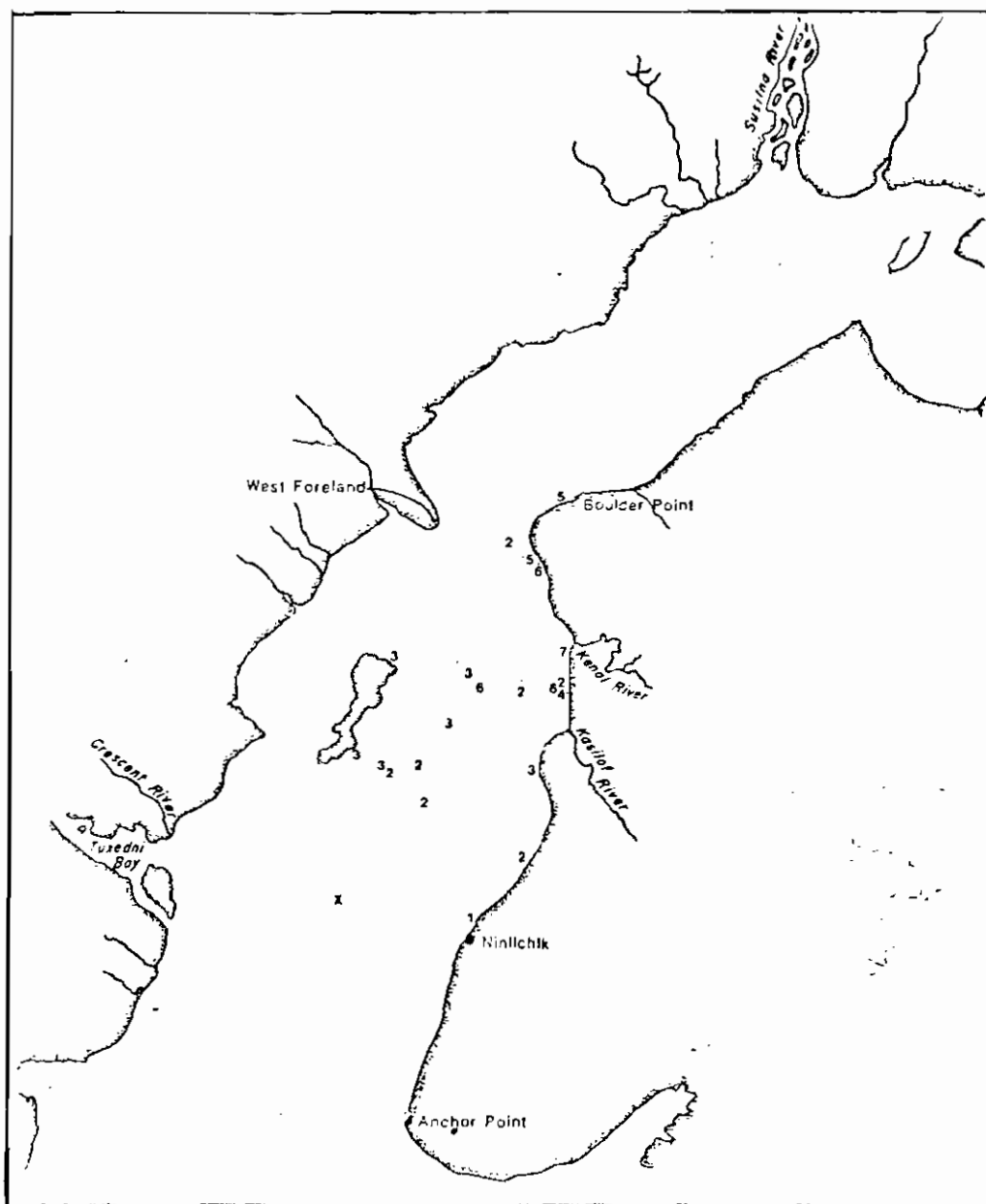


Figure A1'. Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 41 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983.

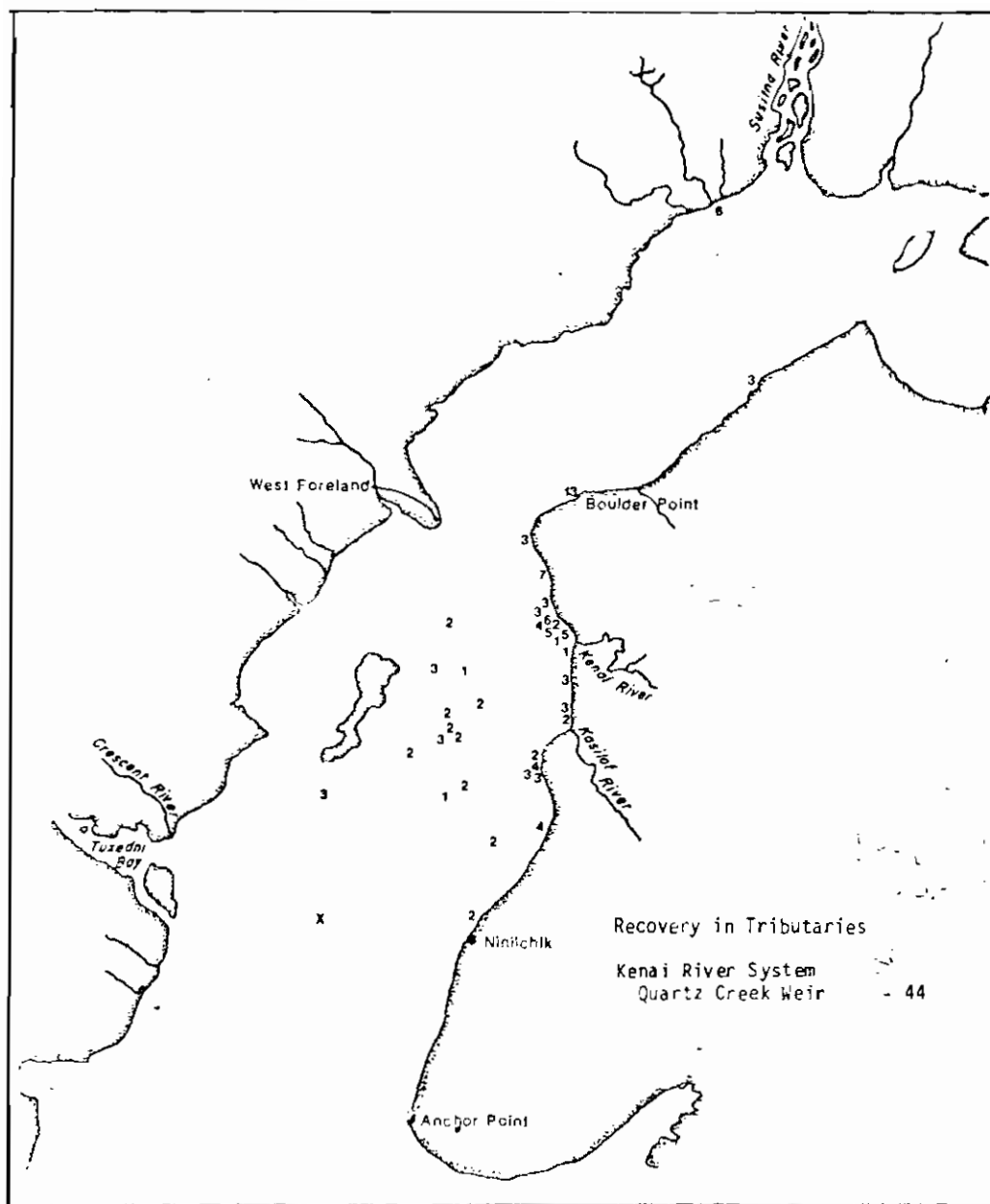
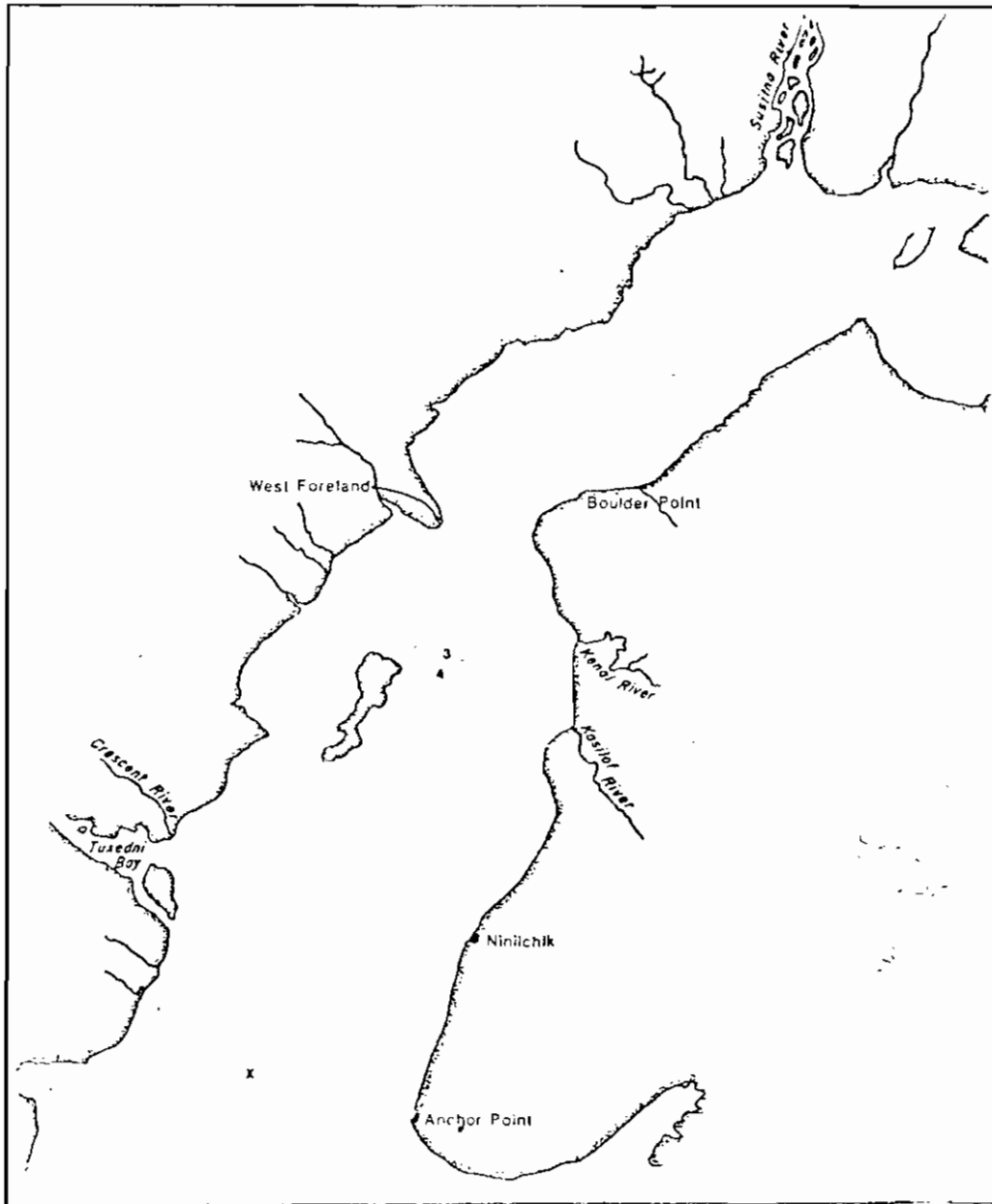


Figure A12 Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 91 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983.



FigureA13. Location (X) of a single purse seine set on 22 July that resulted in the tagging and release of 5 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 22 July 1983.

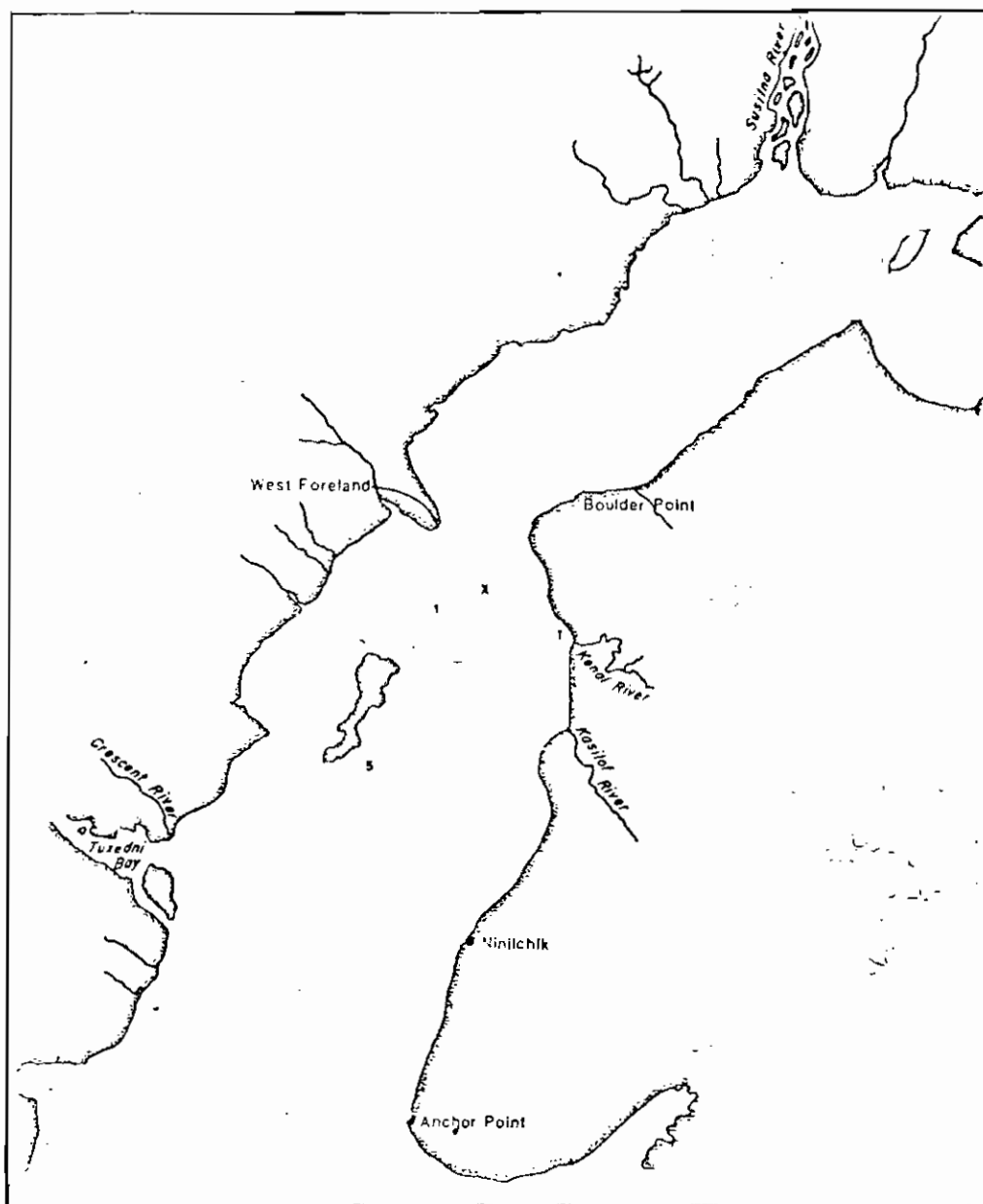


Figure A15. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 15 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1983.

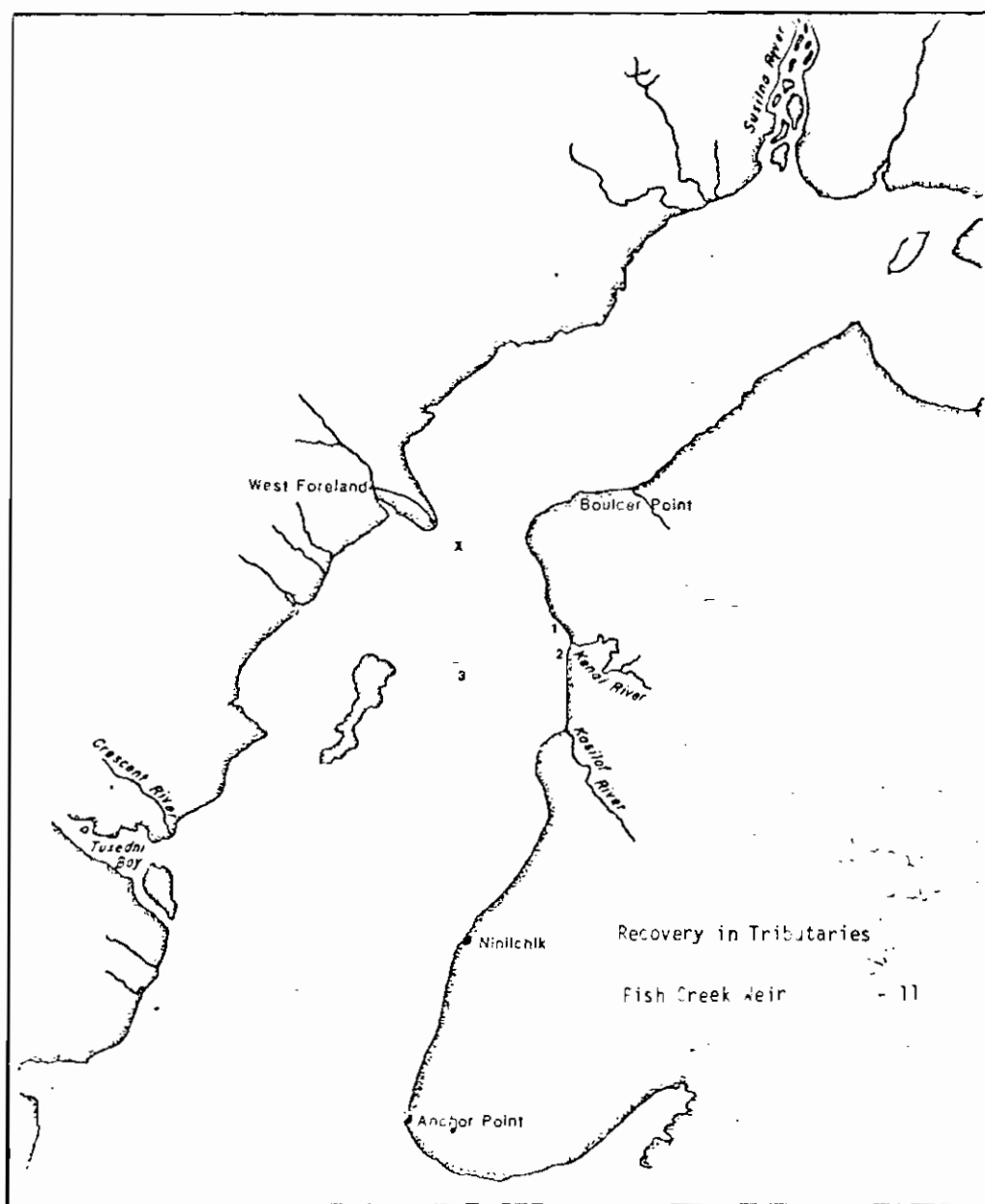


Figure A16. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 13 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1983.

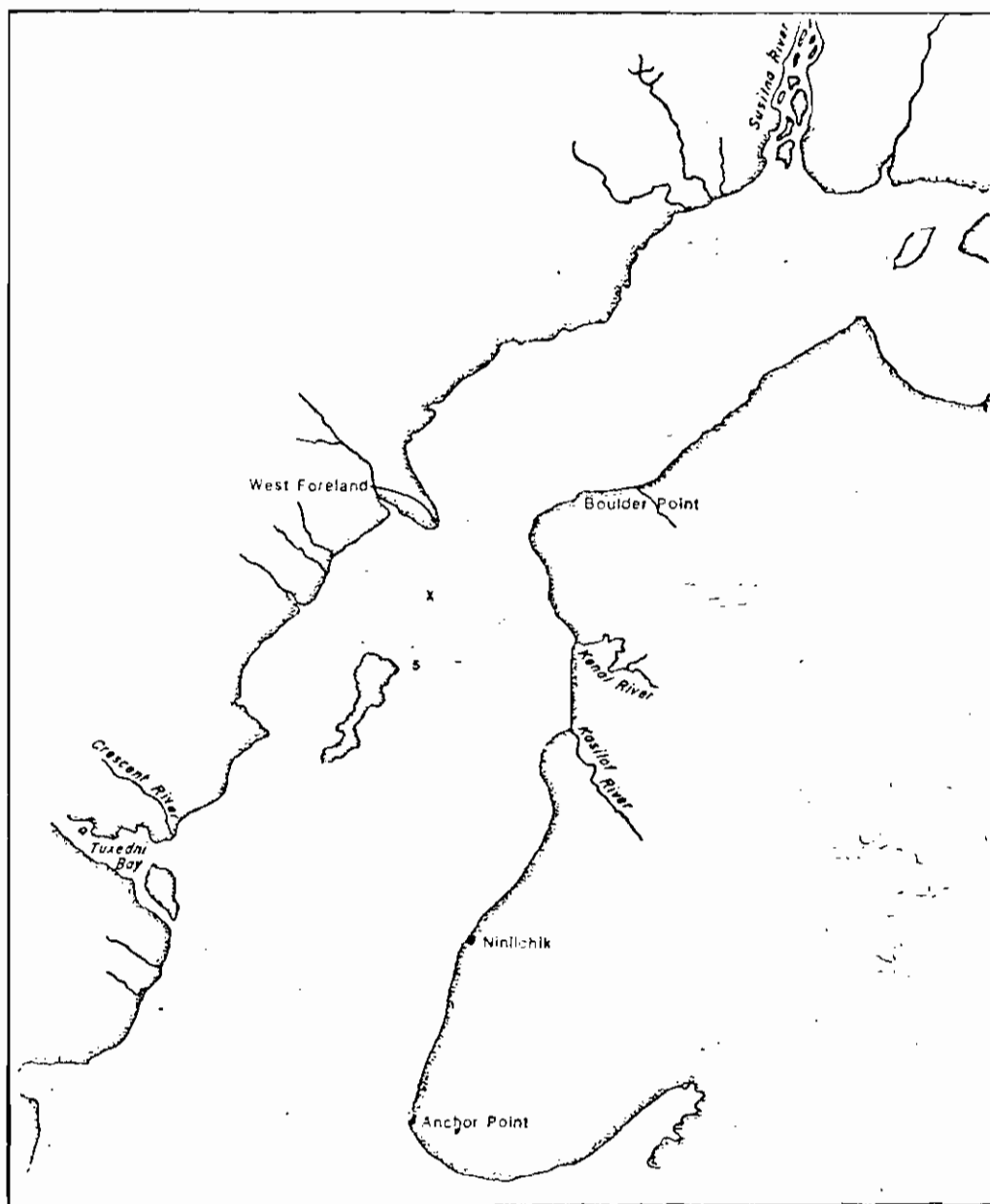


Figure A17. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 2 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1983.

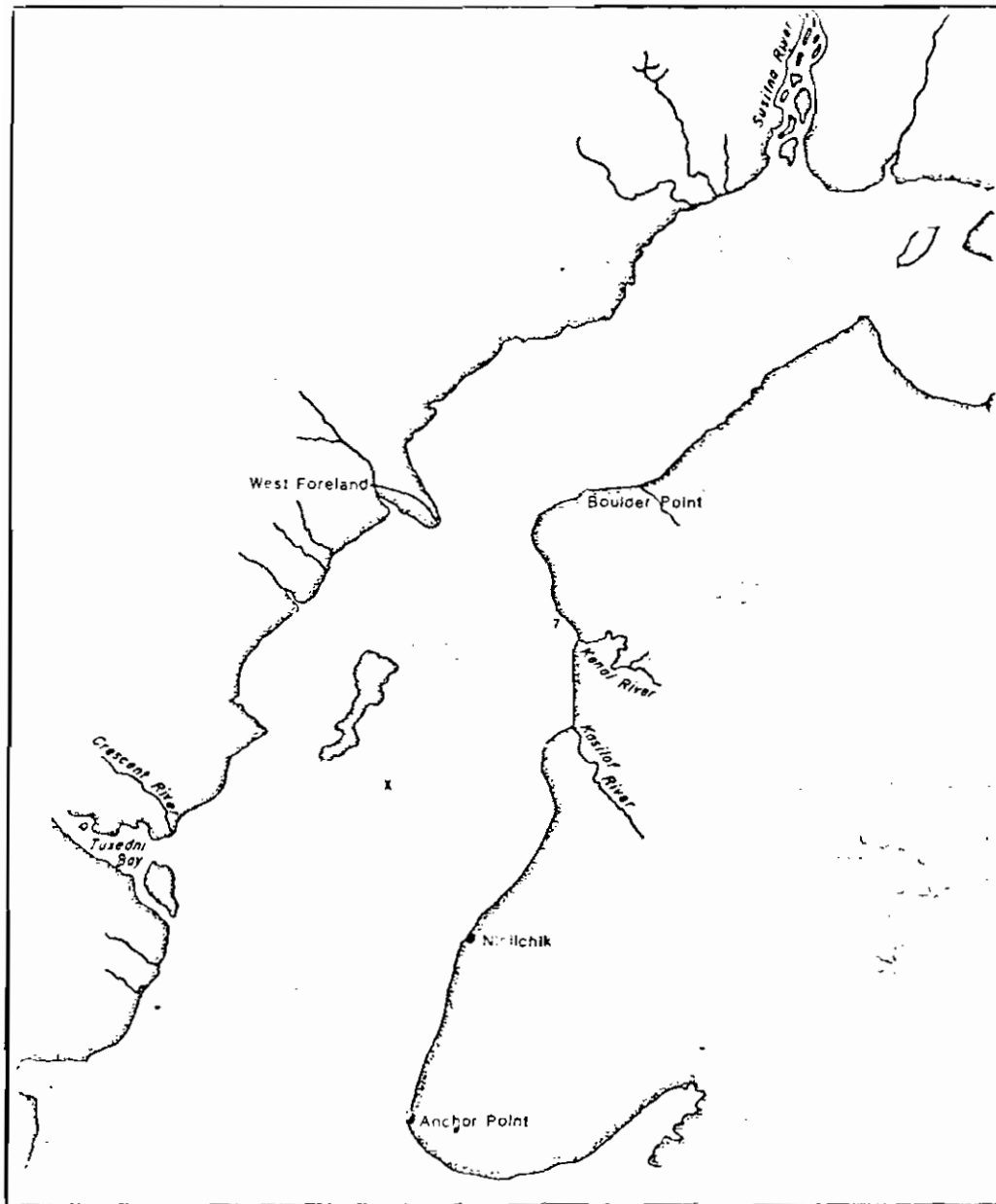
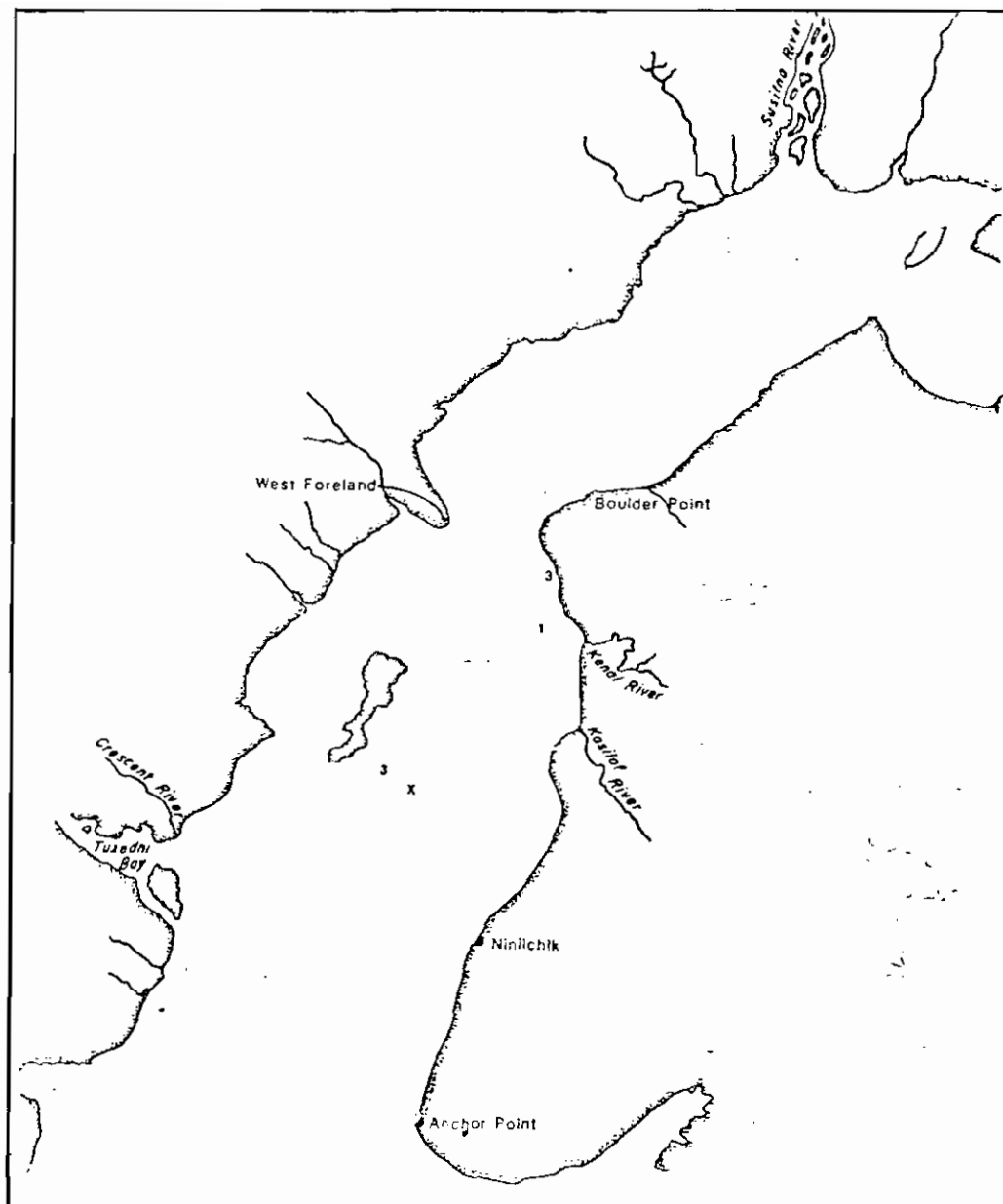


Figure A10 Location (X) of a single purse seine set on 25 July that resulted in the tagging and release of 6 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 25 July 1983.



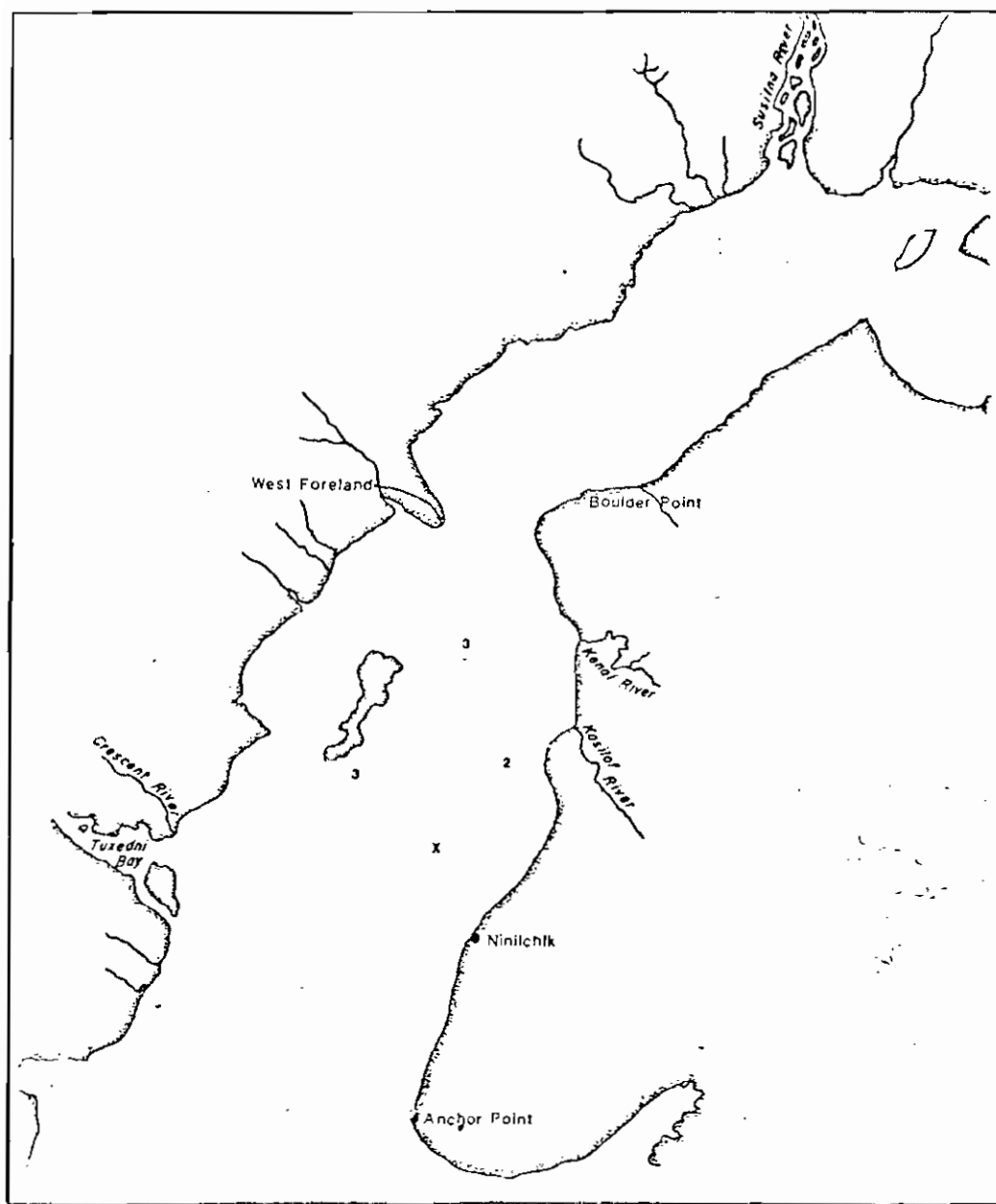


Figure A20. Location (X) of a single purse seine set on 26 July that resulted in the tagging and release of 9 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 26 July 1983.

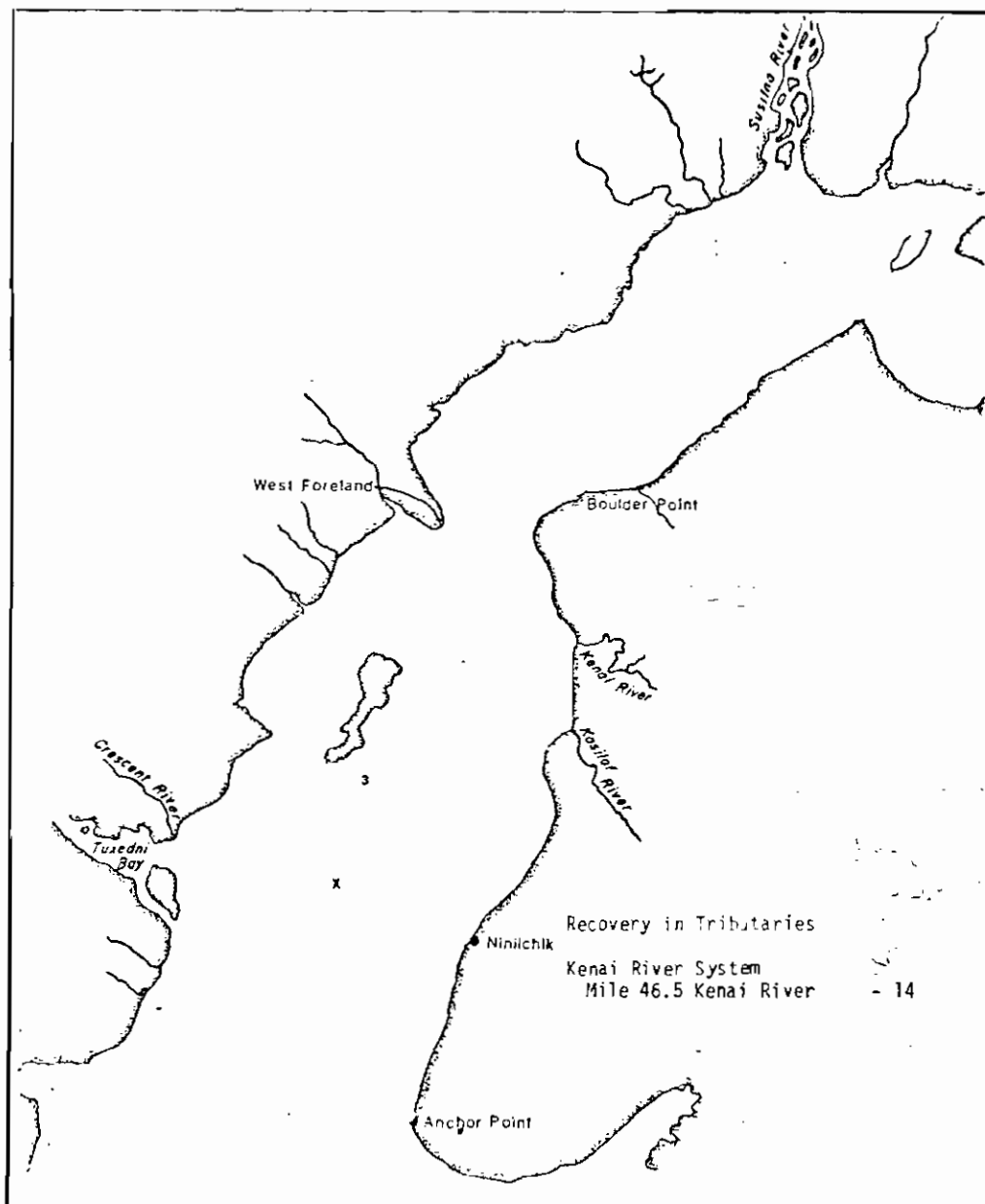
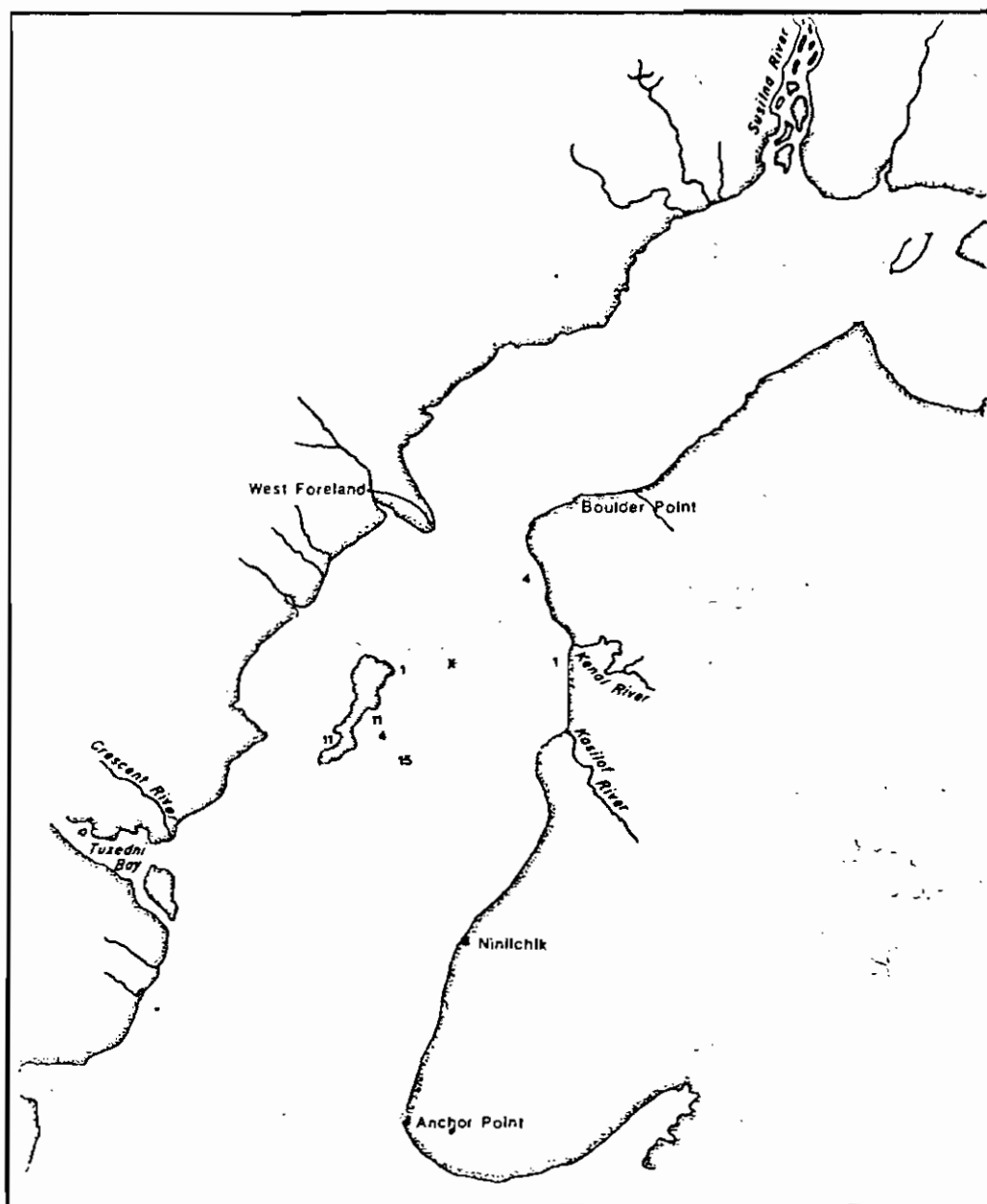
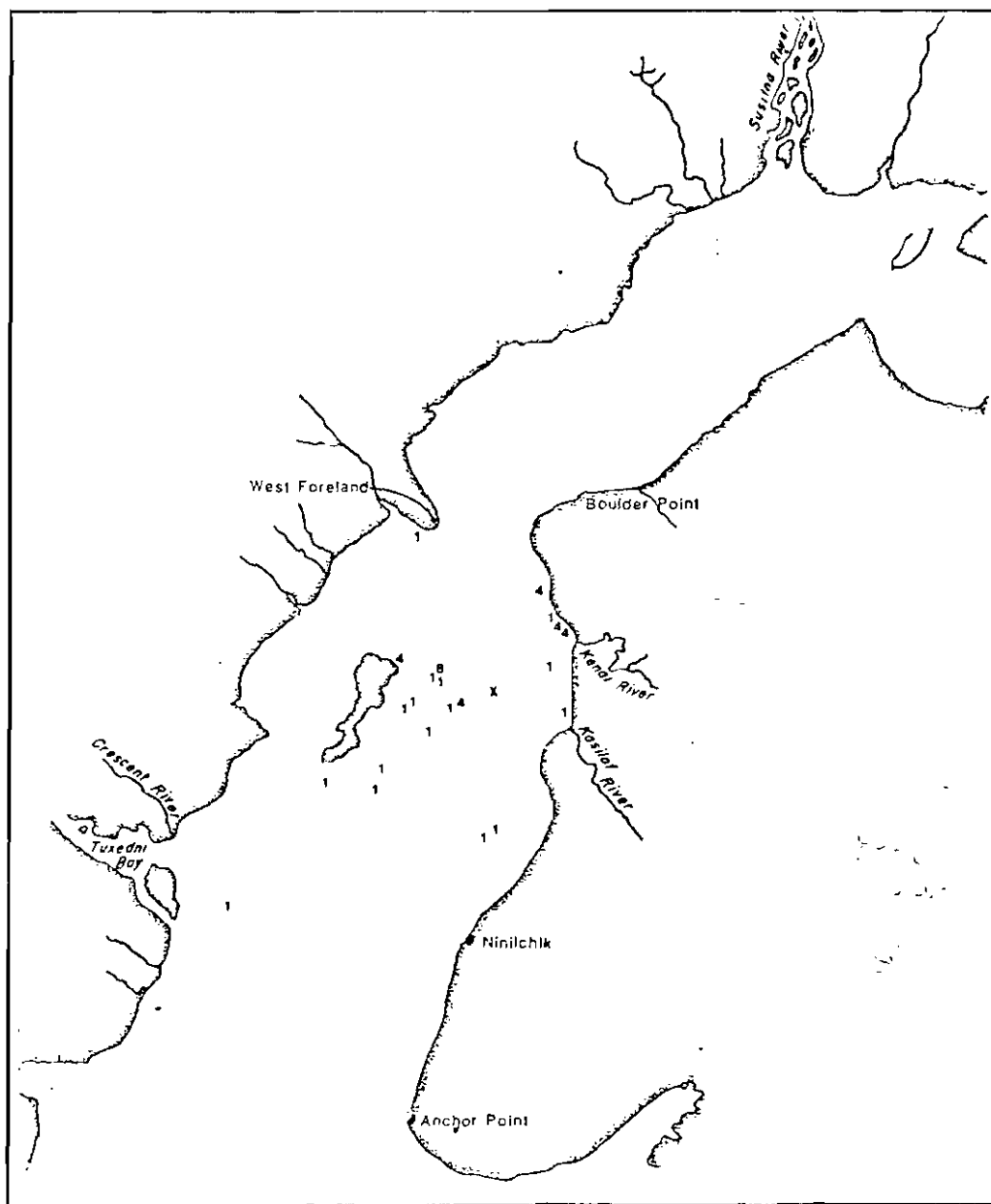


Figure A21. Location (X) of a single purse seine set on 27 July that resulted in the tagging and release of 5 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 27 July 1983.



FigureA22. Location (X) of a single purse seine set on 28 July that resulted in the tagging and release of 15 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 28 July 1983.



FigureA23. Location (X) of a single purse seine set on 28 July that resulted in the tagging and release of 85 sockeye salmon (set numbers 2, 3, and 4 are combined as these sets occurred in close proximity). Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 28 July 1983.

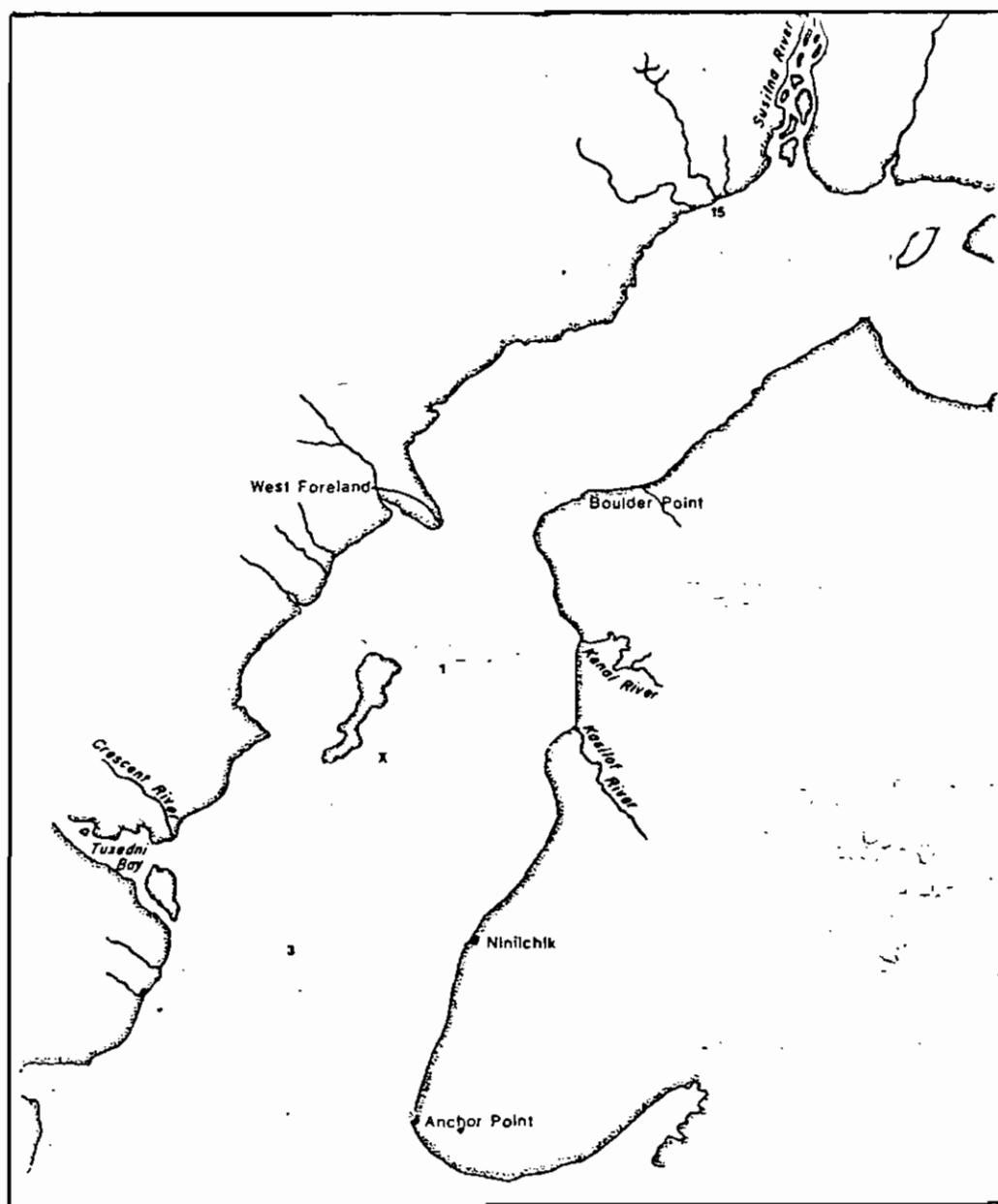


Figure A24. Location (X) of a single purse seine set on 10 July that resulted in the tagging and release of 14 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 10 July 1983.

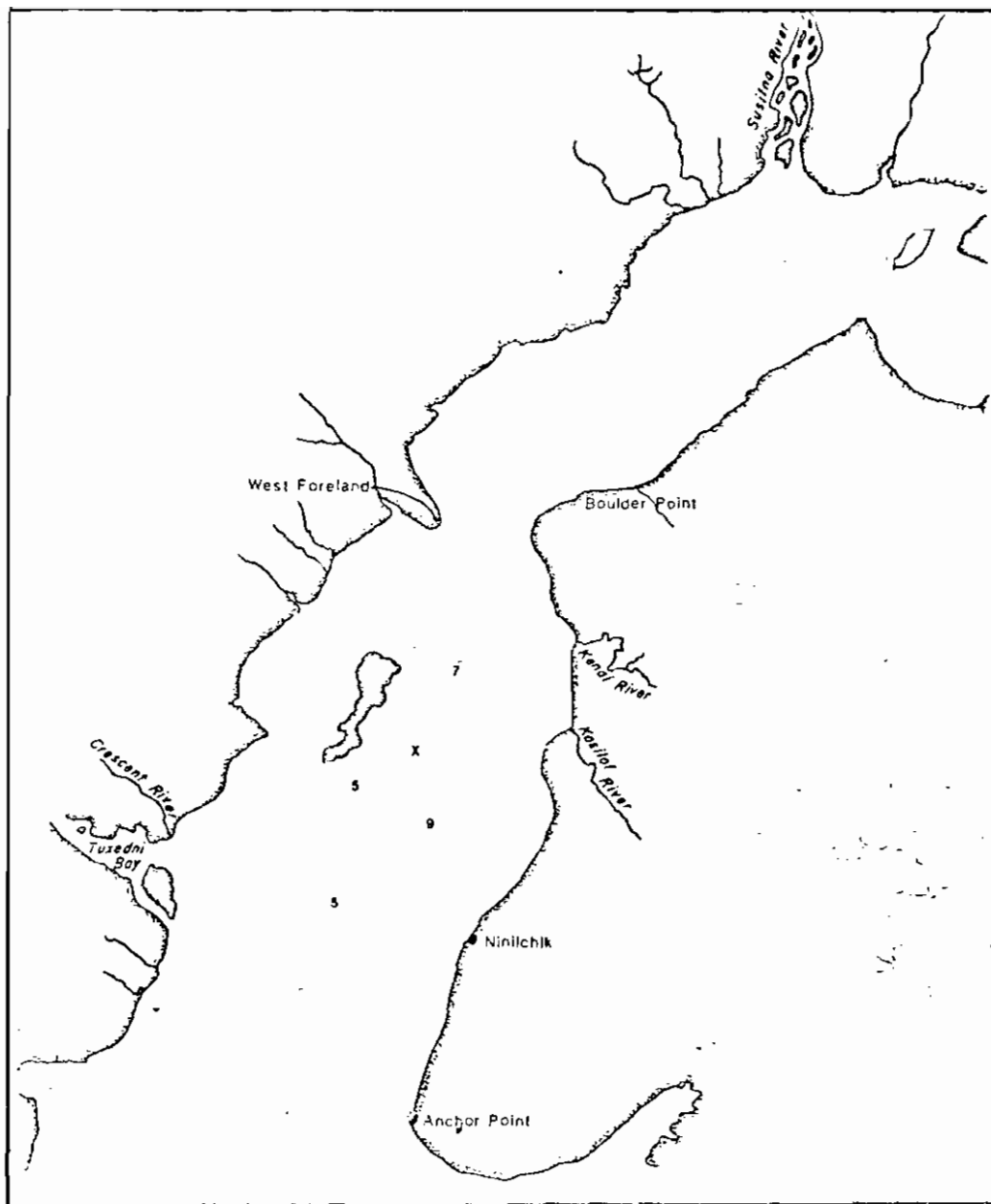


Figure A25. Location (X) of a single purse seine set on 13 July that resulted in the tagging and release of 16 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1993.

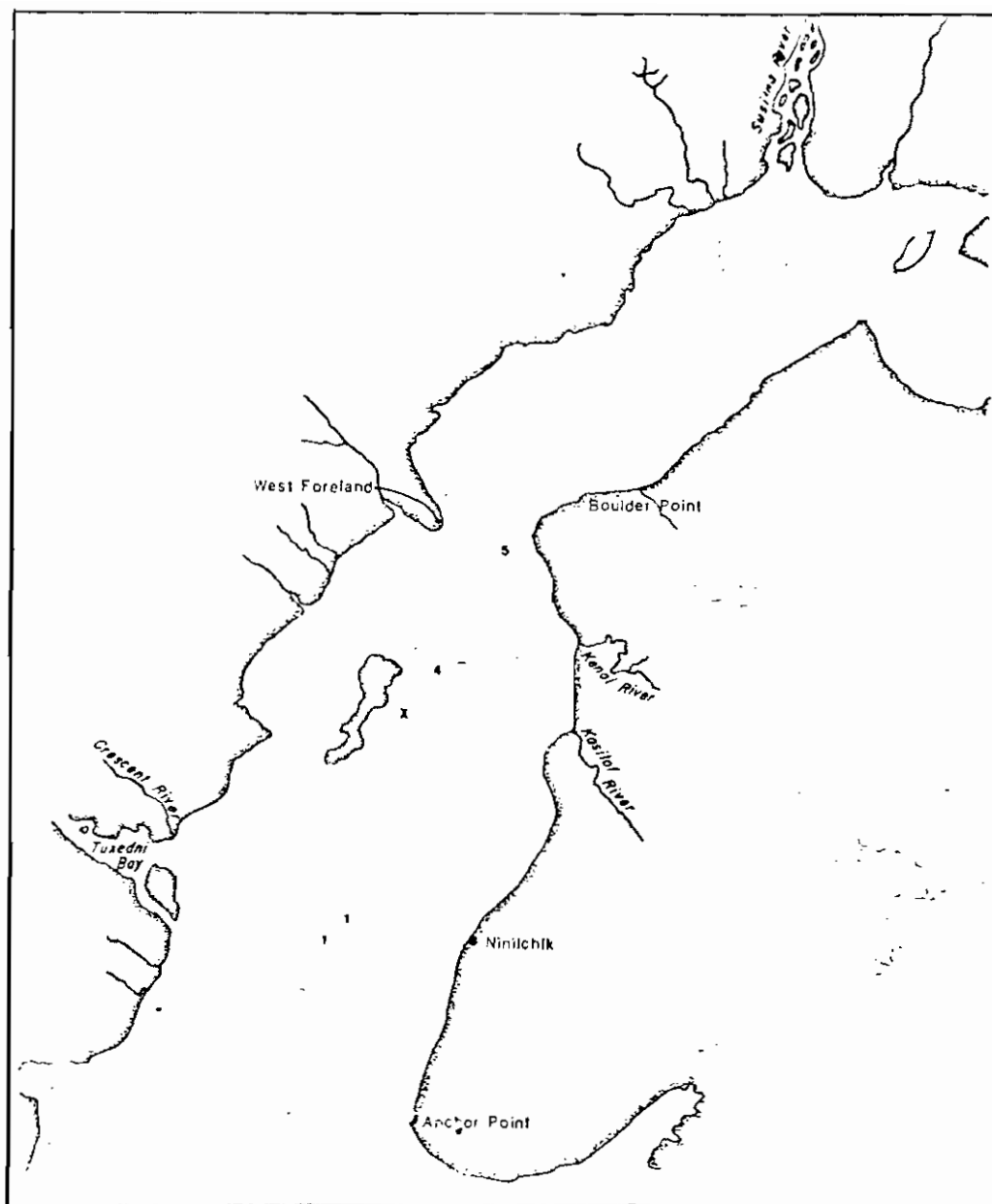


Figure A16. Location (X) of a single purse seine set on 17 July that resulted in the tagging and release of 10 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 17 July 1983.

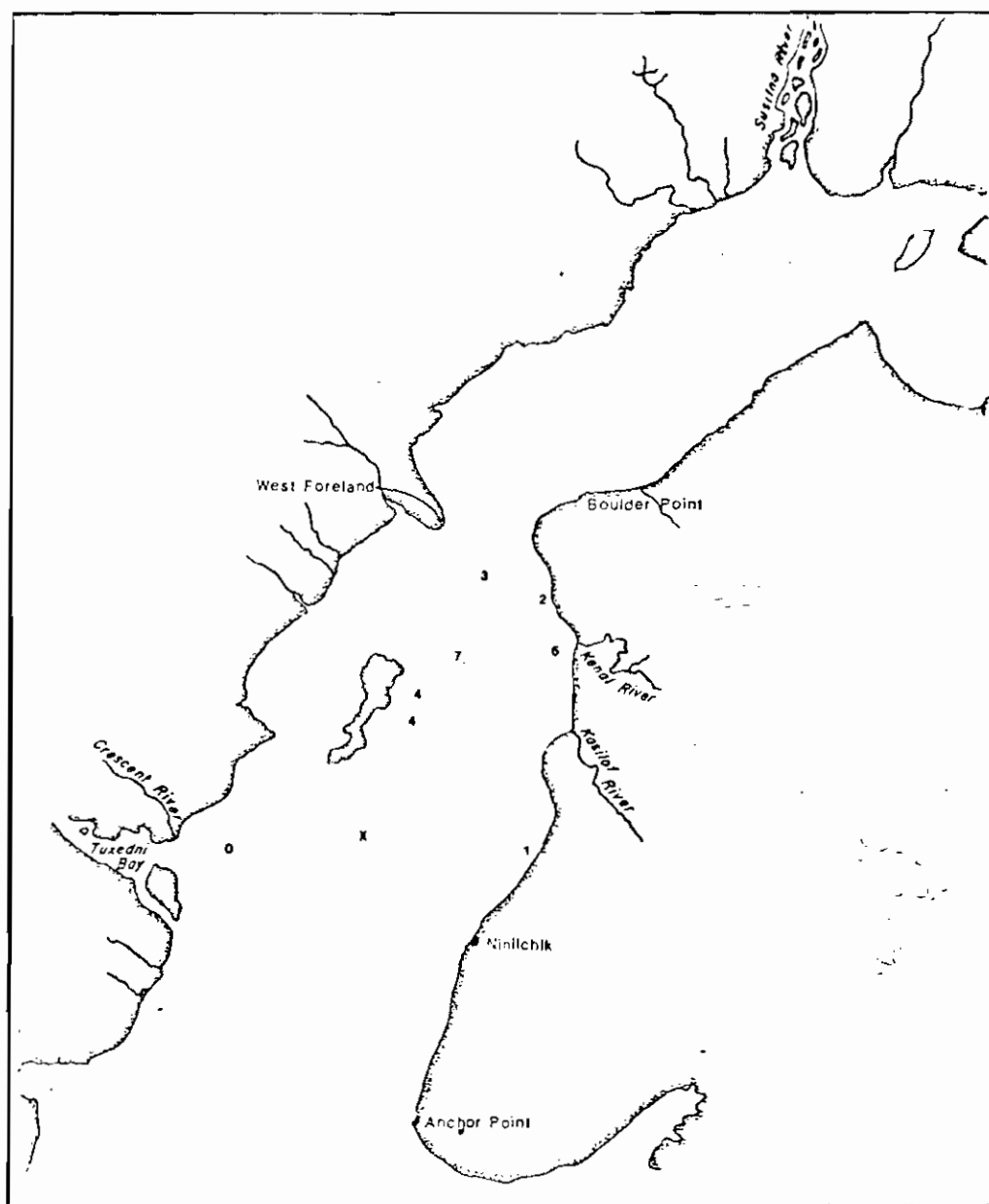


Figure A27. Location (X) of a single purse seine set on 18 July that resulted in the tagging and release of 14 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 18 July 1983.

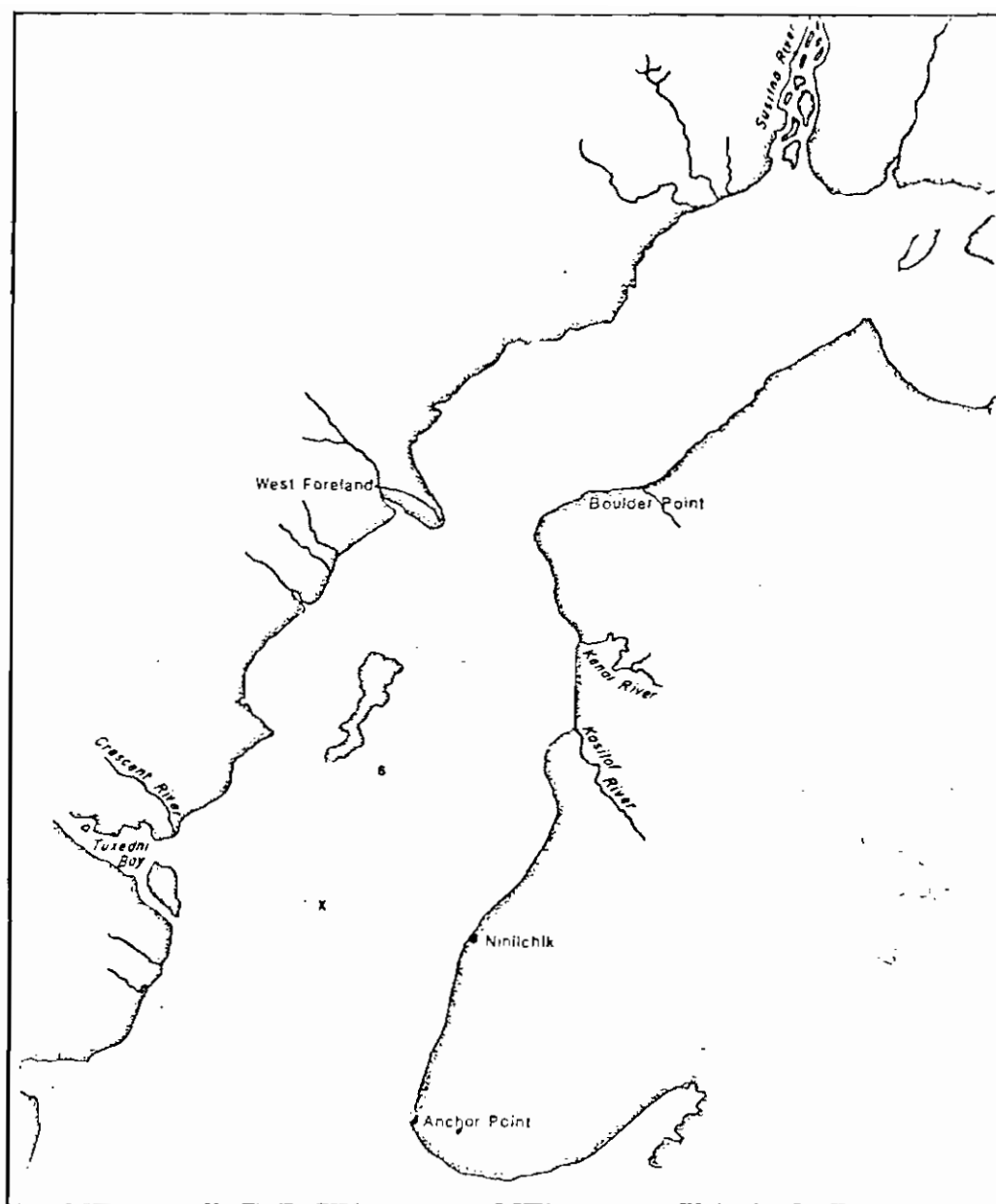


Figure A29. Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 2 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983

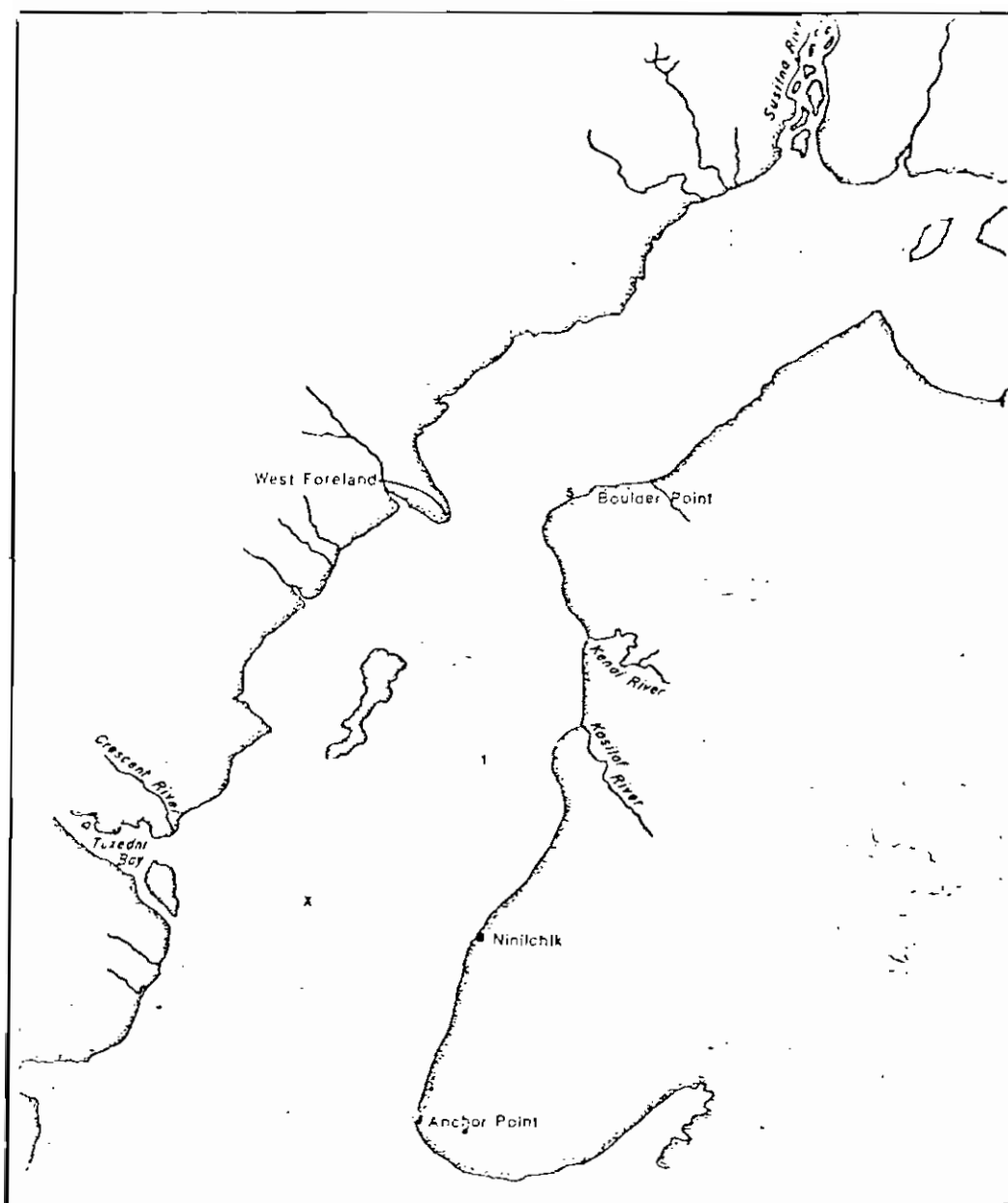


Figure A3C. Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 4 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983.

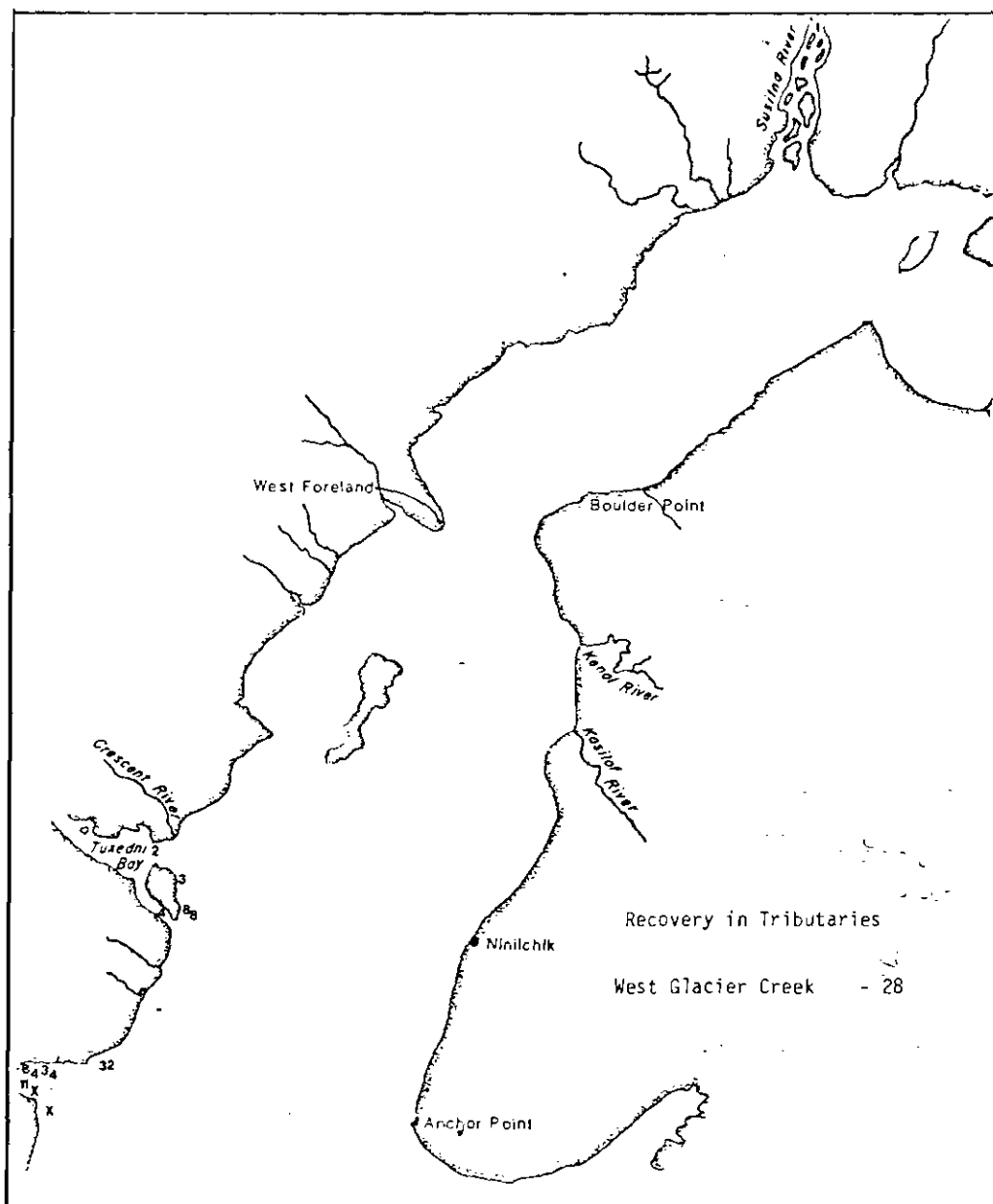


Figure A31. Location (X) of a single purse seine set on 21 July that resulted in the tagging and release of 227 chum salmon (set numbers 1 and 2 are combined as these sets occurred in close proximity). Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 21 July 1983.

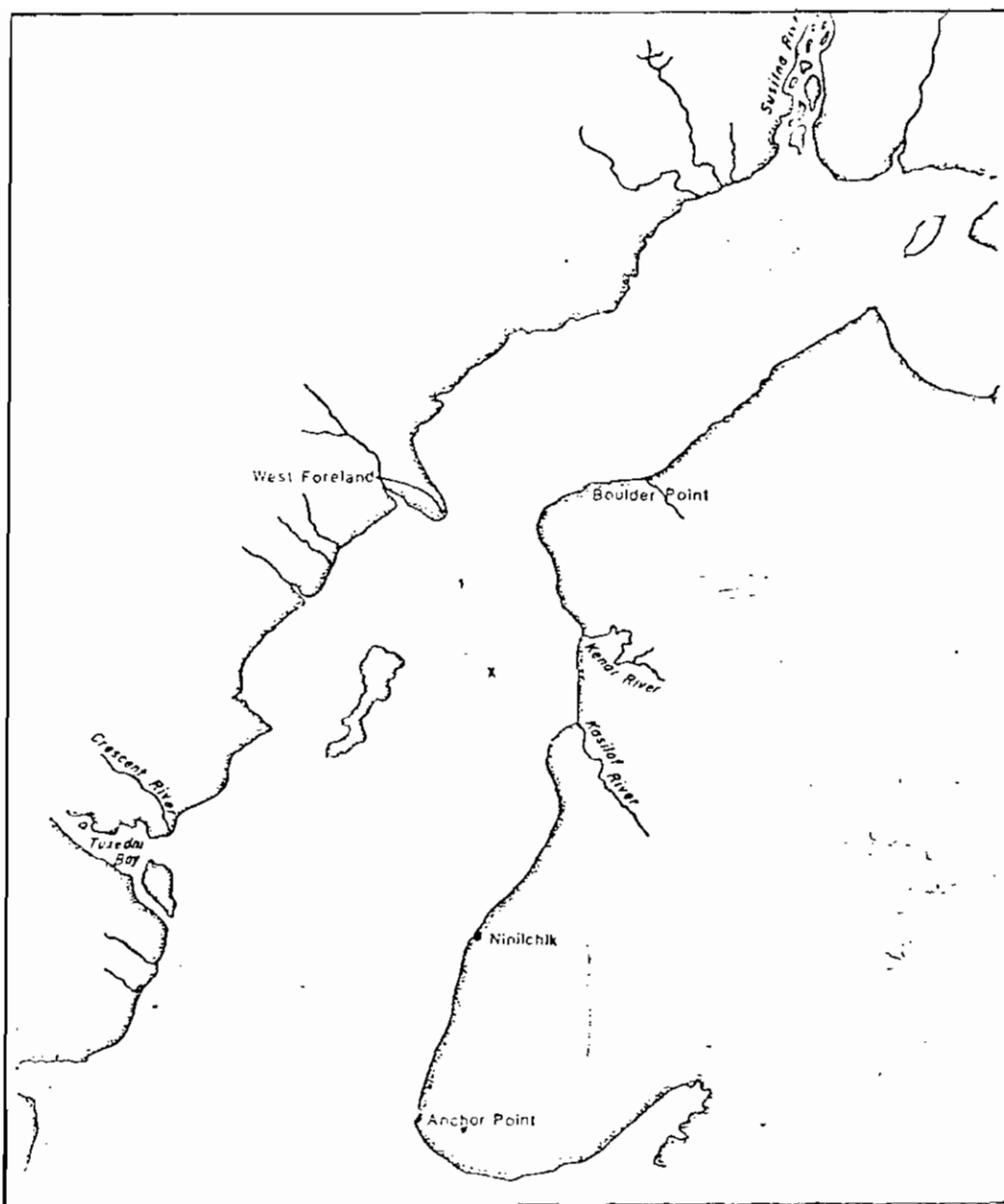


Figure A32. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 1 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1933.

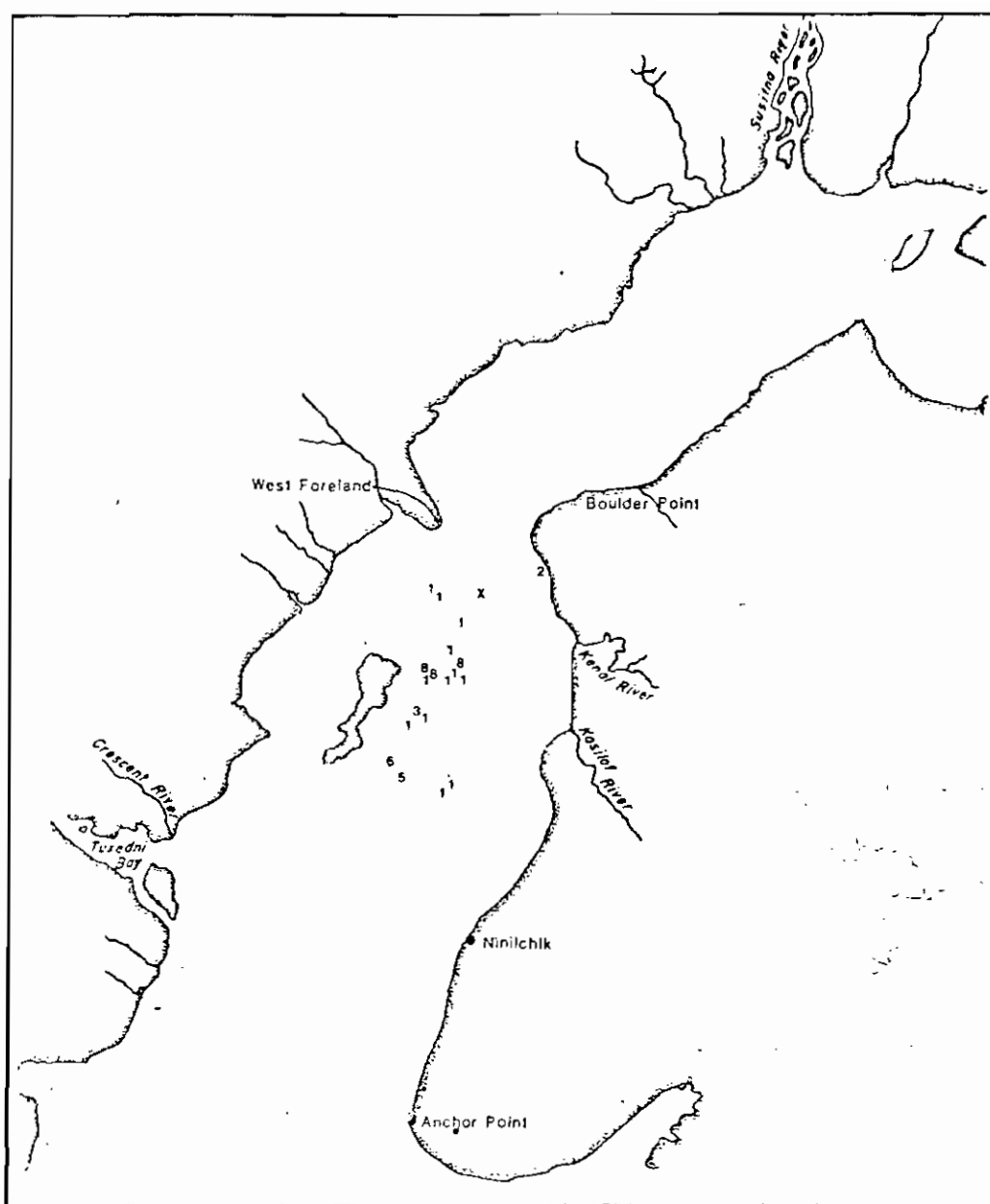


Figure A33. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 24 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1933.

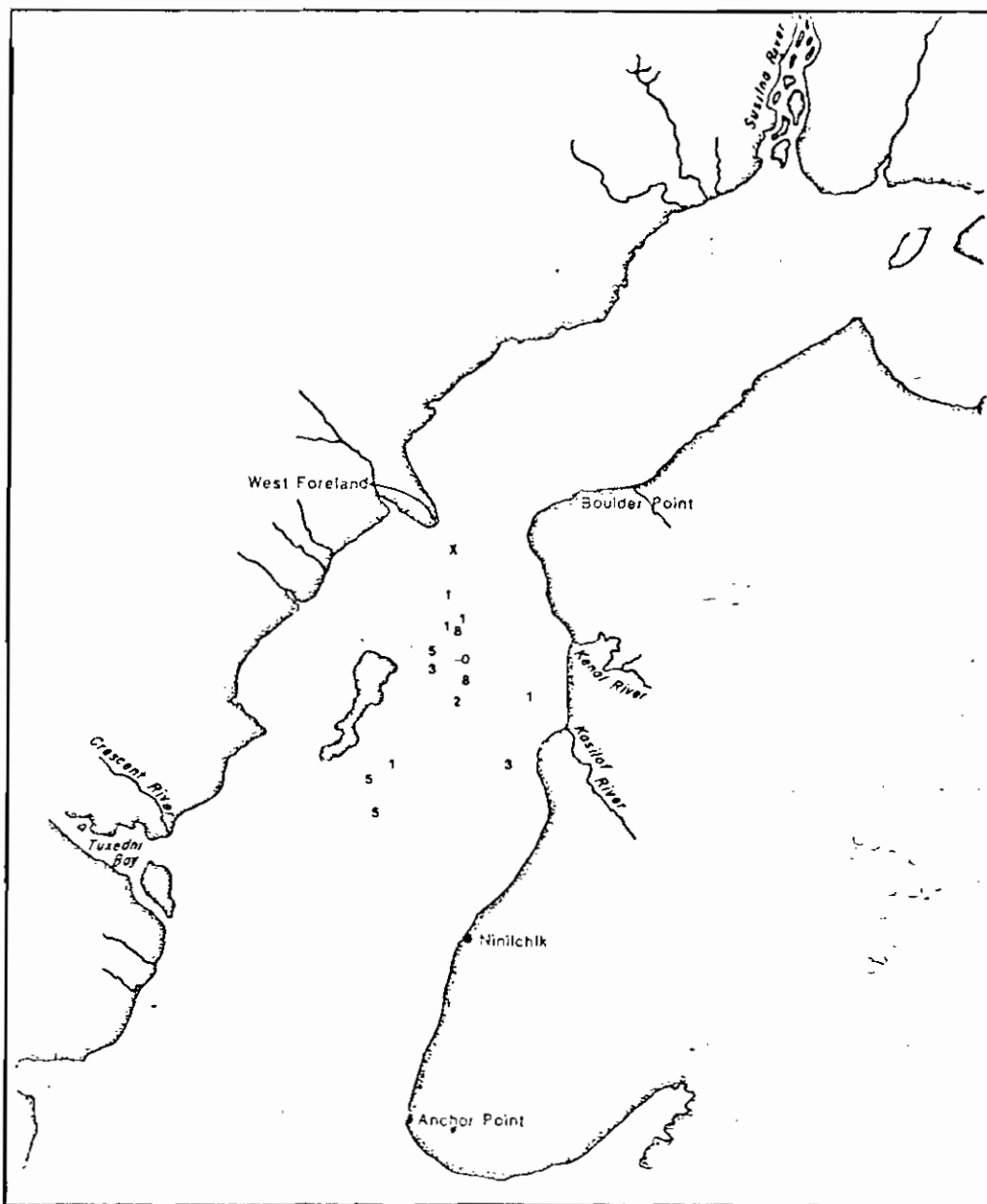


Figure A34. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 20 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1933.

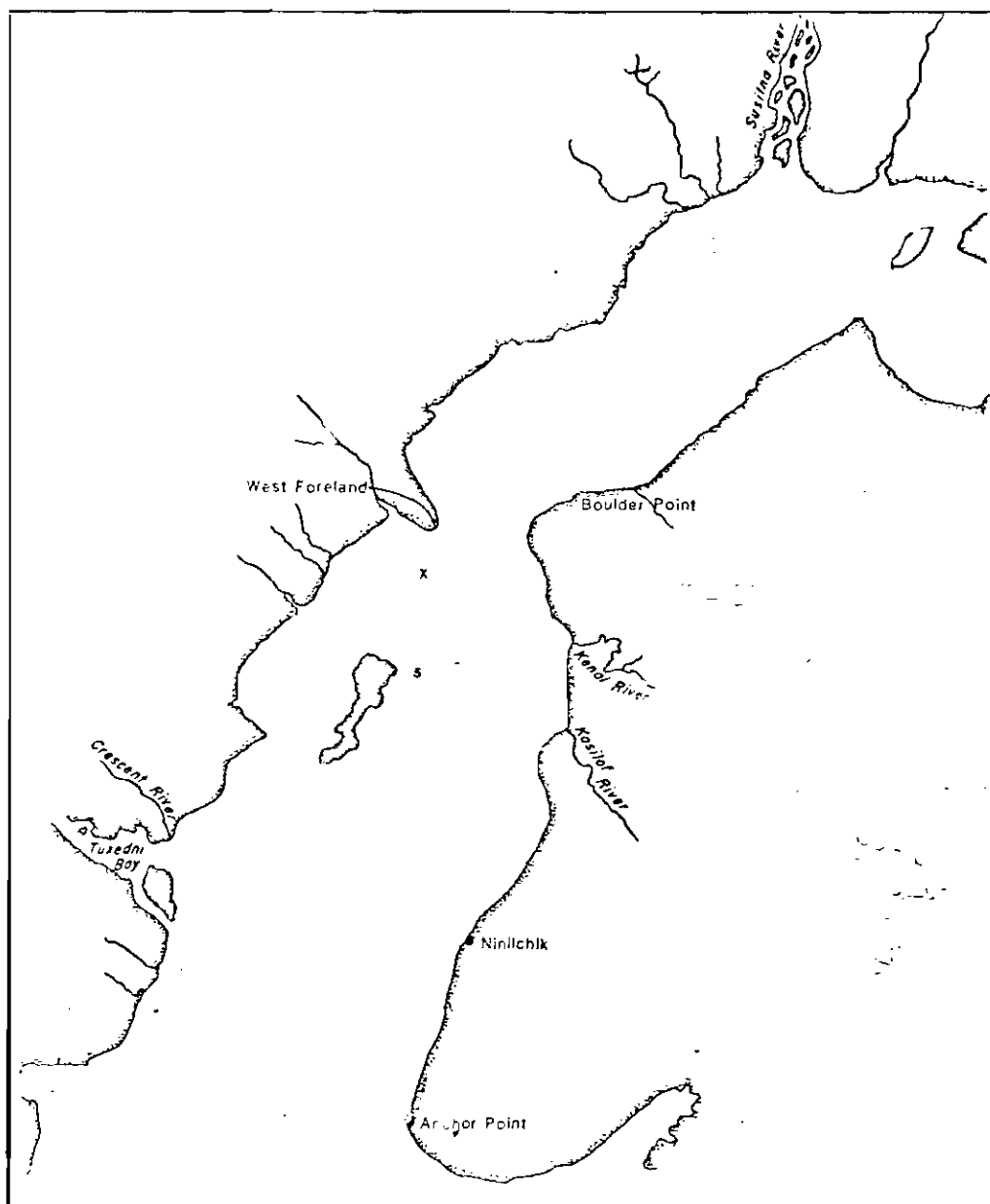


Figure A25. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 3 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1983.

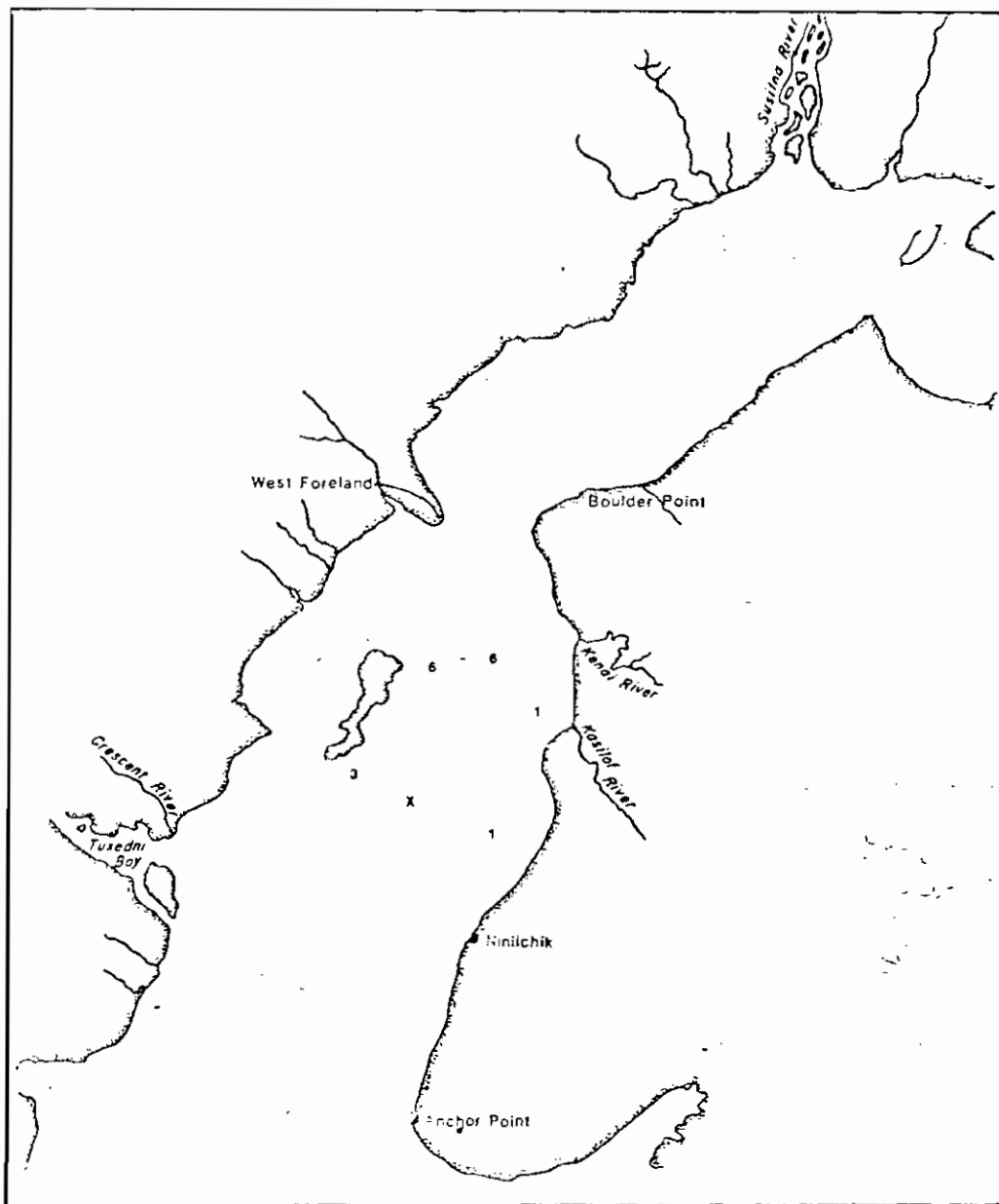


Figure A26. Location (X) of a single purse seine set on 26 July that resulted in the tagging and release of 7 chin salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 26 July 1983.

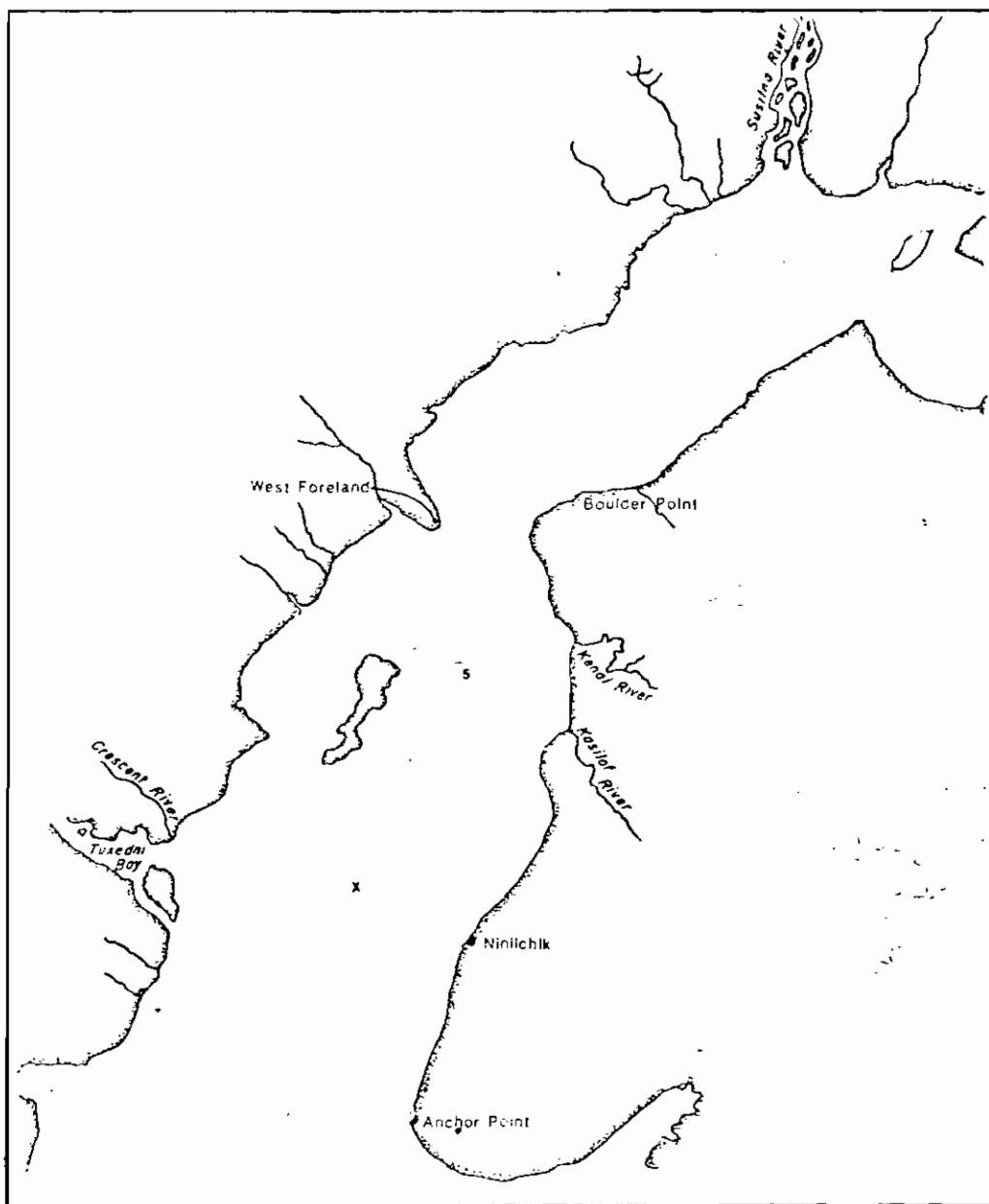


Figure A22. Location (X) of a single purse seine set on 27 July that resulted in the tagging and release of 3 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 27 July 1983.

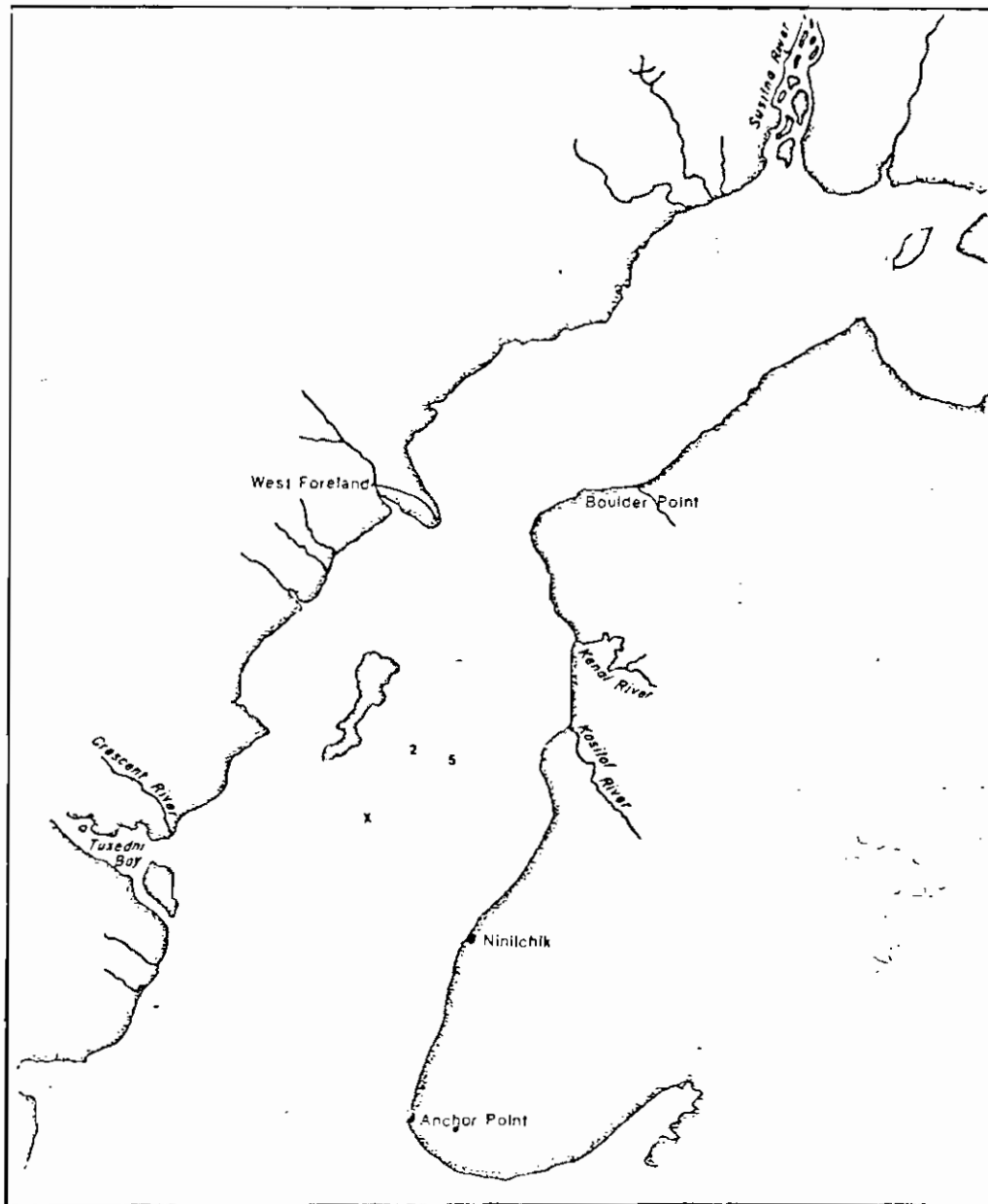


Figure A78. Location (X) of a single purse seine set on 27 July that resulted in the tagging and release of 4 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 27 July 1983.

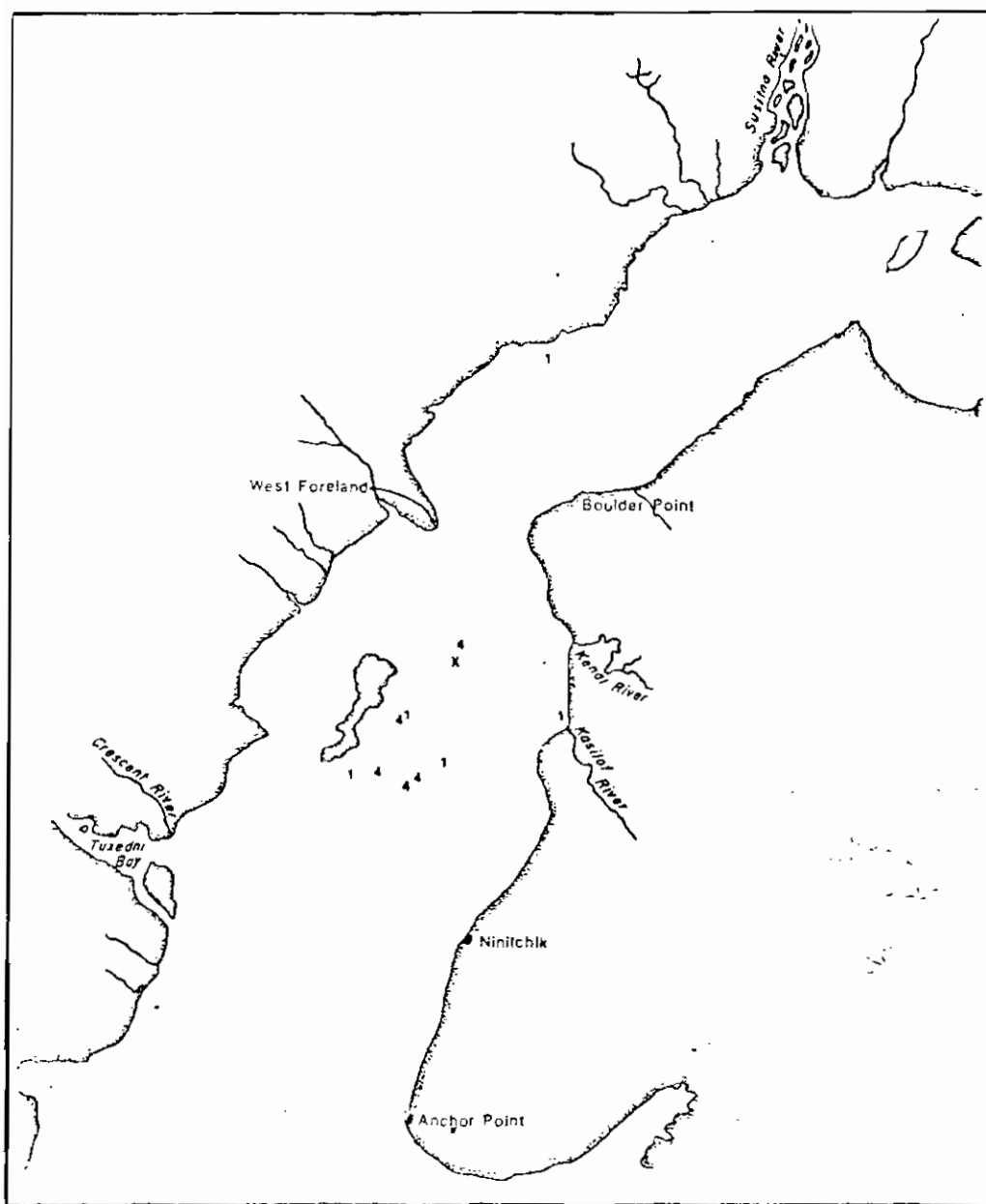


Figure A29 Location (X) of a single purse seine set on 28 July that resulted in the tagging and release of 24 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 28 July 1983.

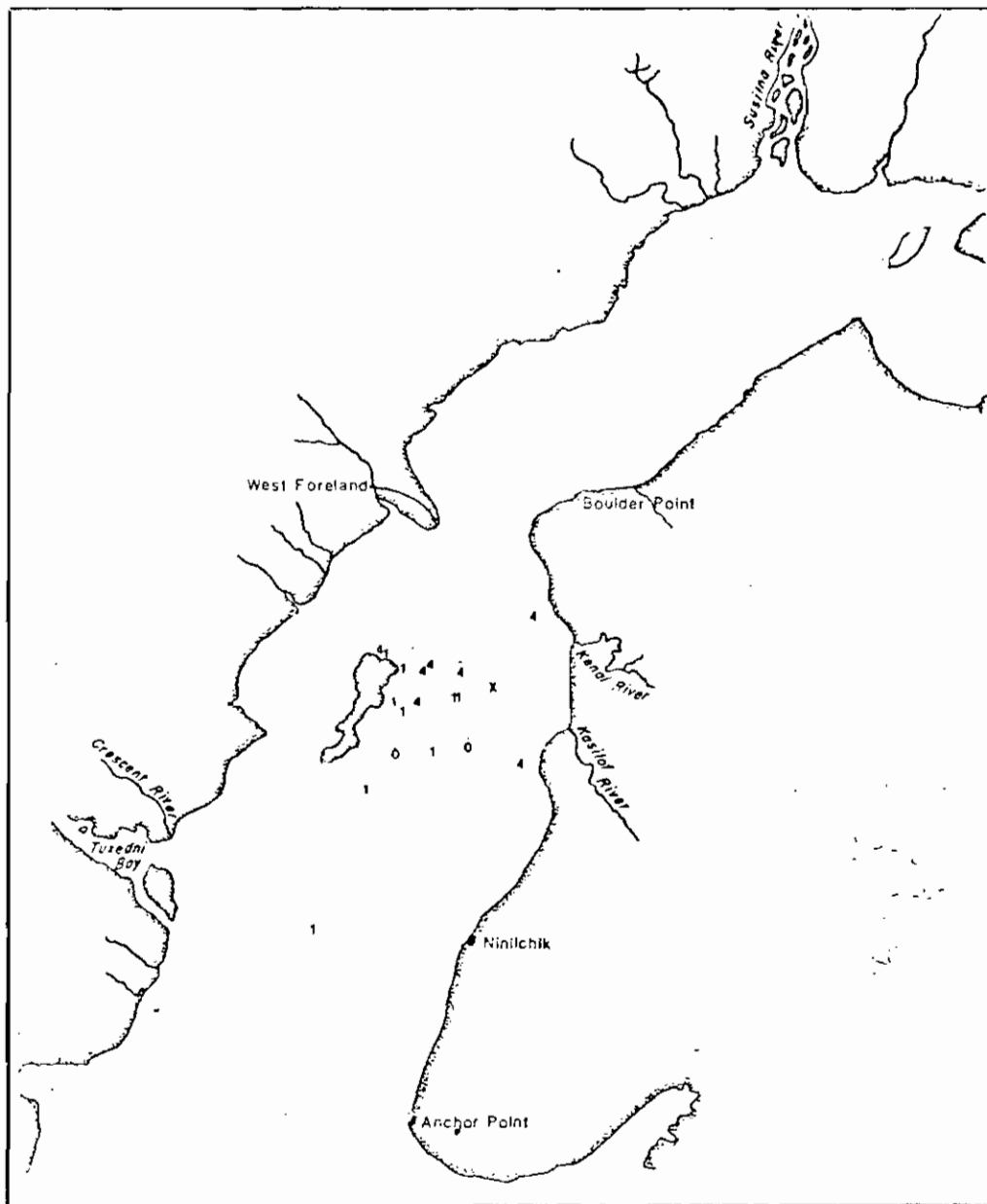


Figure A40. Location (X) of a single purse seine set on 28 July that resulted in the tagging and release of 34 chum salmon (set numbers 2, 3, and 4 are combined as these sets occurred in close proximity). Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 28 July 1983.

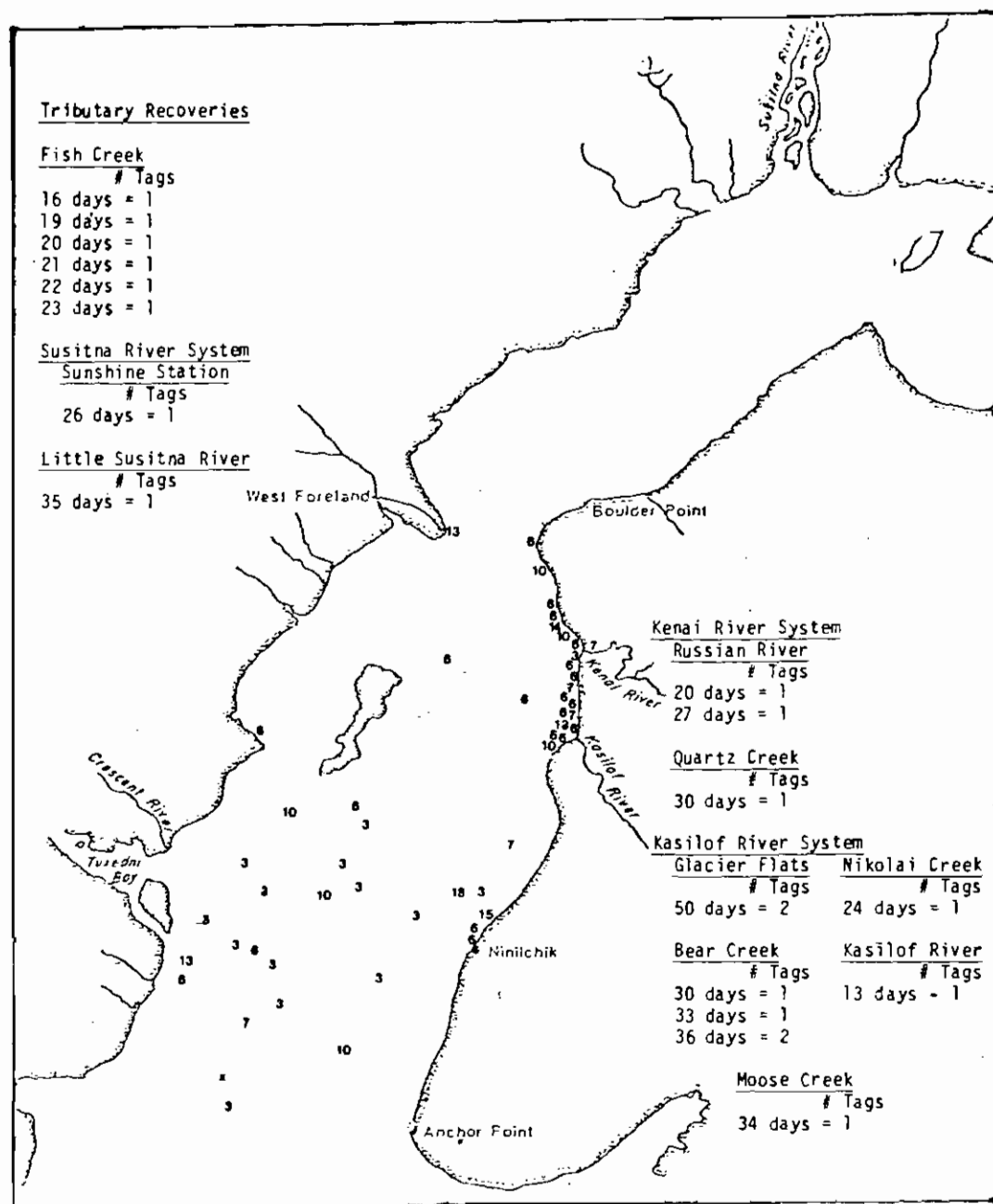


Figure A54. Location (X) of a single purse seine set on 3 July that resulted in the tagging and release of 218 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 3 July 1934.

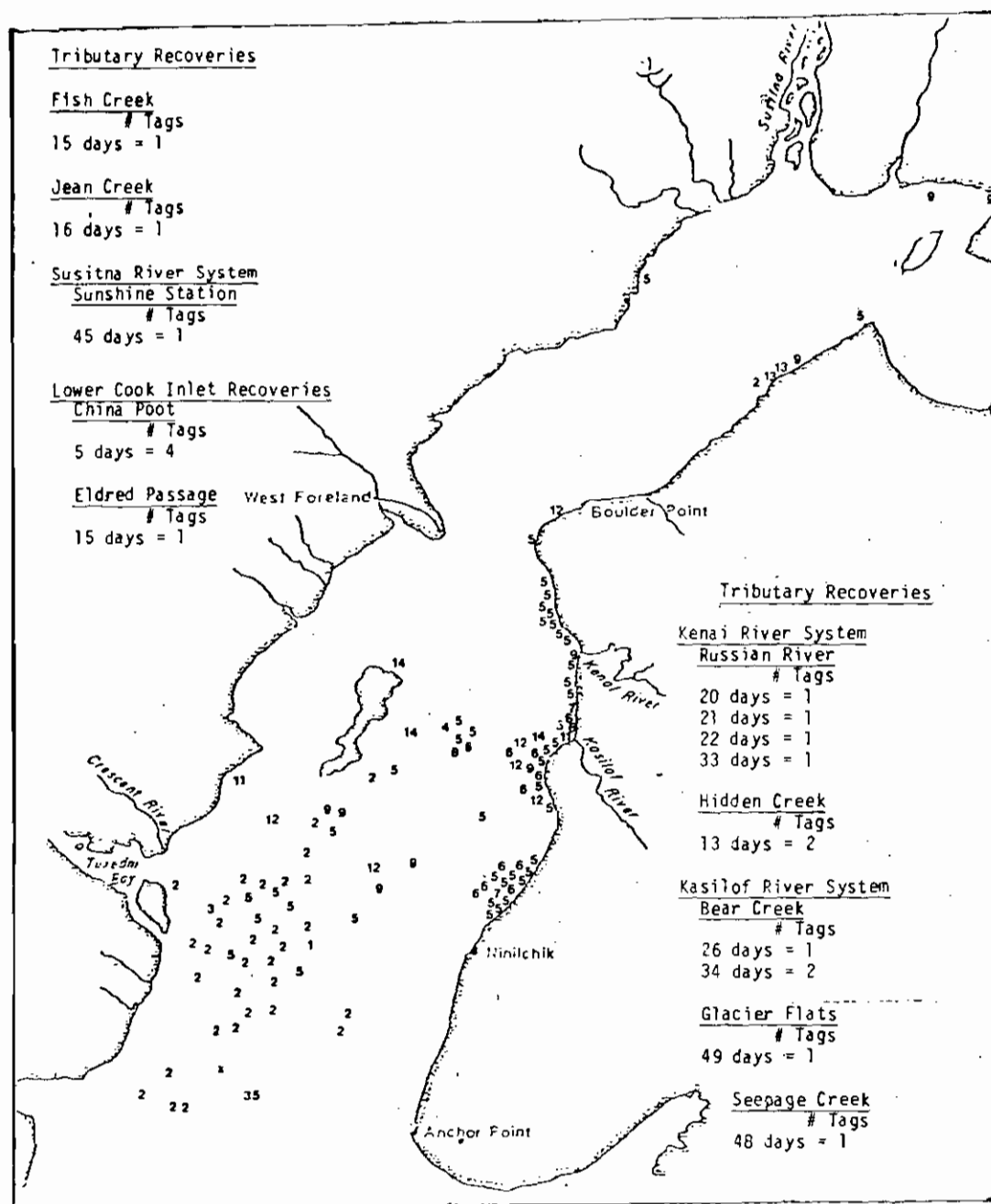


Figure A55. Location (X) of a single purse seine set on 4 July that resulted in the tagging and release of 589 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 4 July 1934.

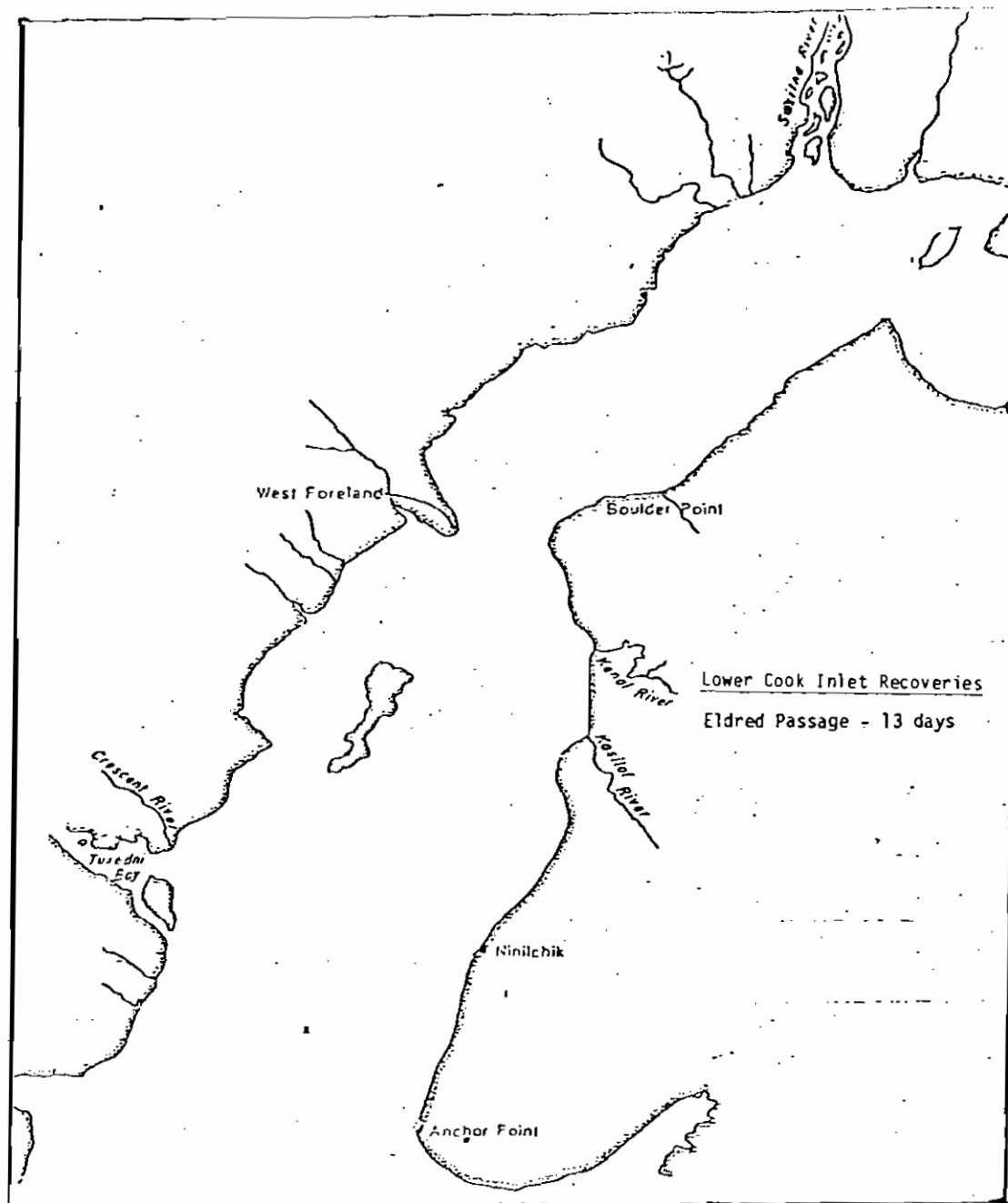


Figure A56. Location (X) of a single purse seine set on 6 July that resulted in the tagging and release of 4 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 6 July 1984.

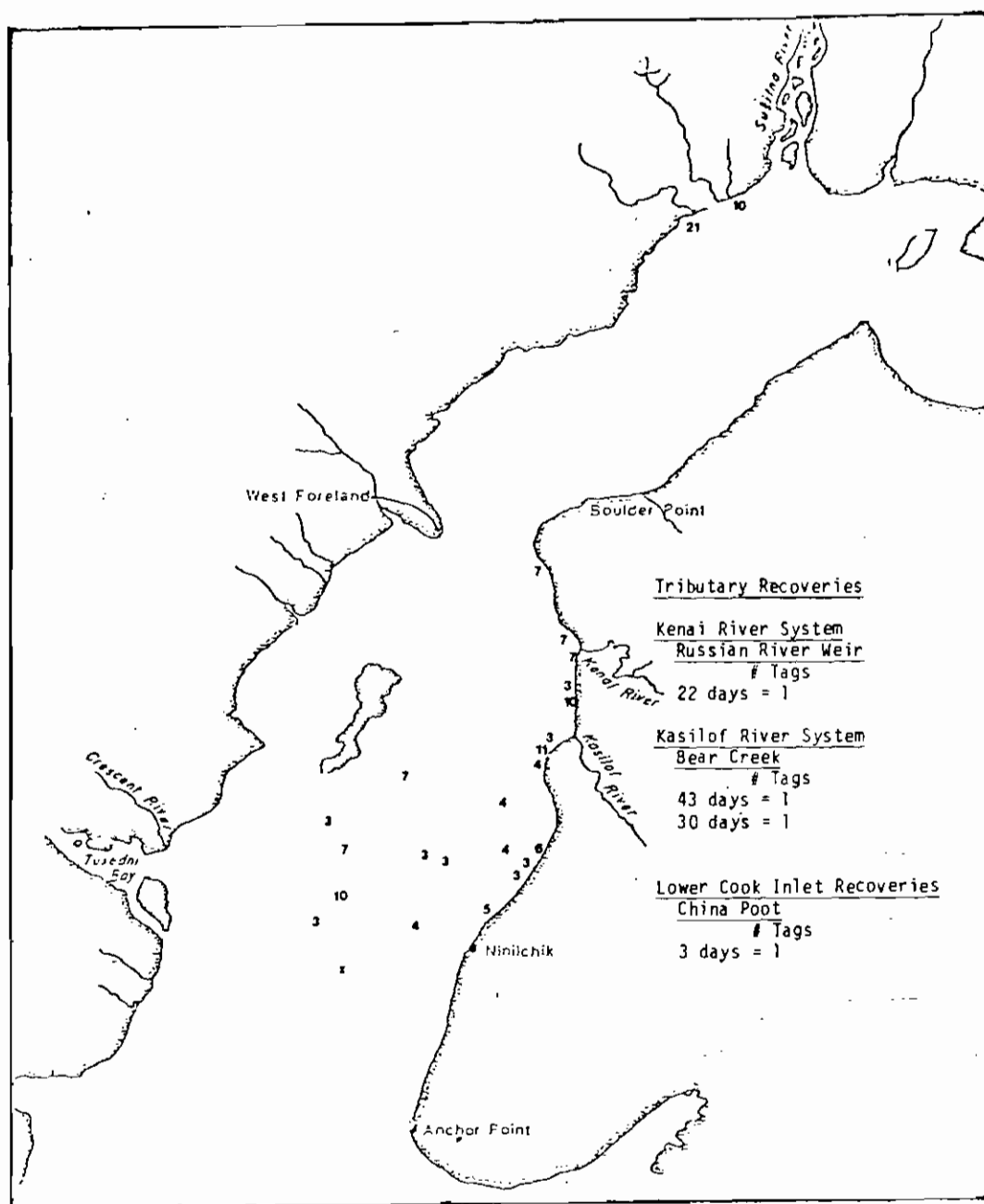


Figure A57. Location (X) of a single purse seine set on 6 July that resulted in the tagging and release of 73 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 6 July 1984.

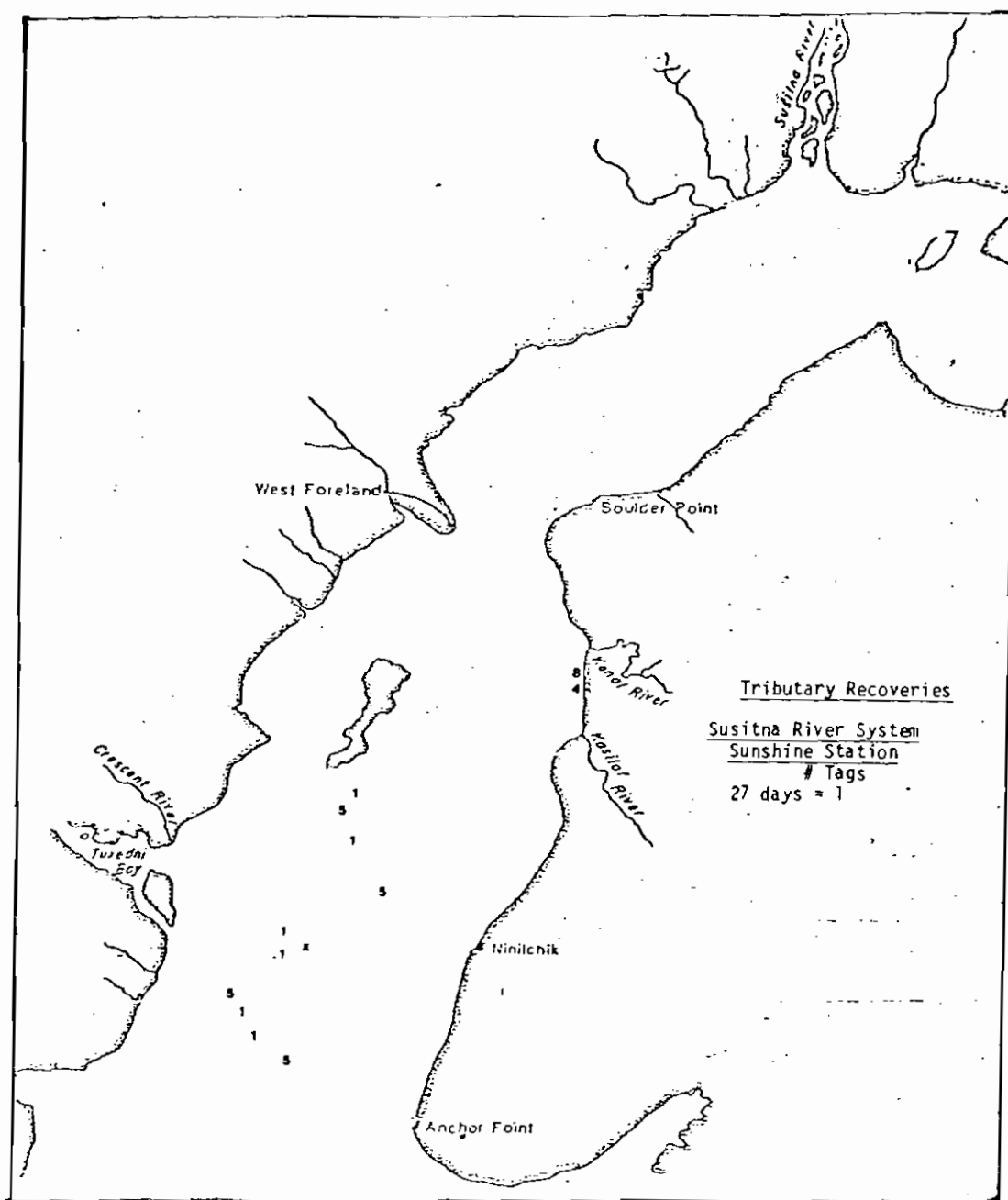


Figure A58. Location (X) of a single purse seine set on 8 July that resulted in the tagging and release of 47 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 8 July 1984.

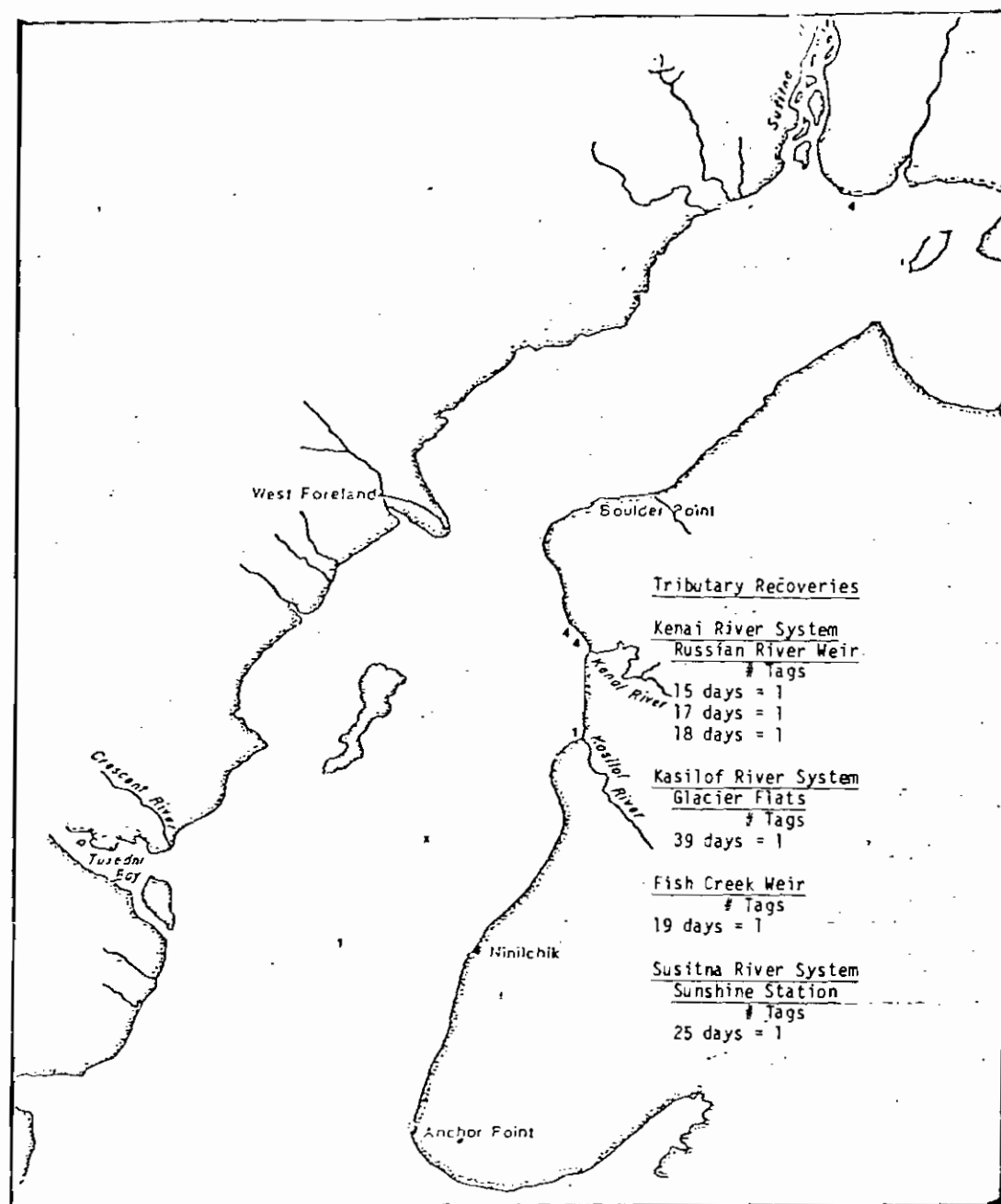


Figure A59. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 33 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1984.

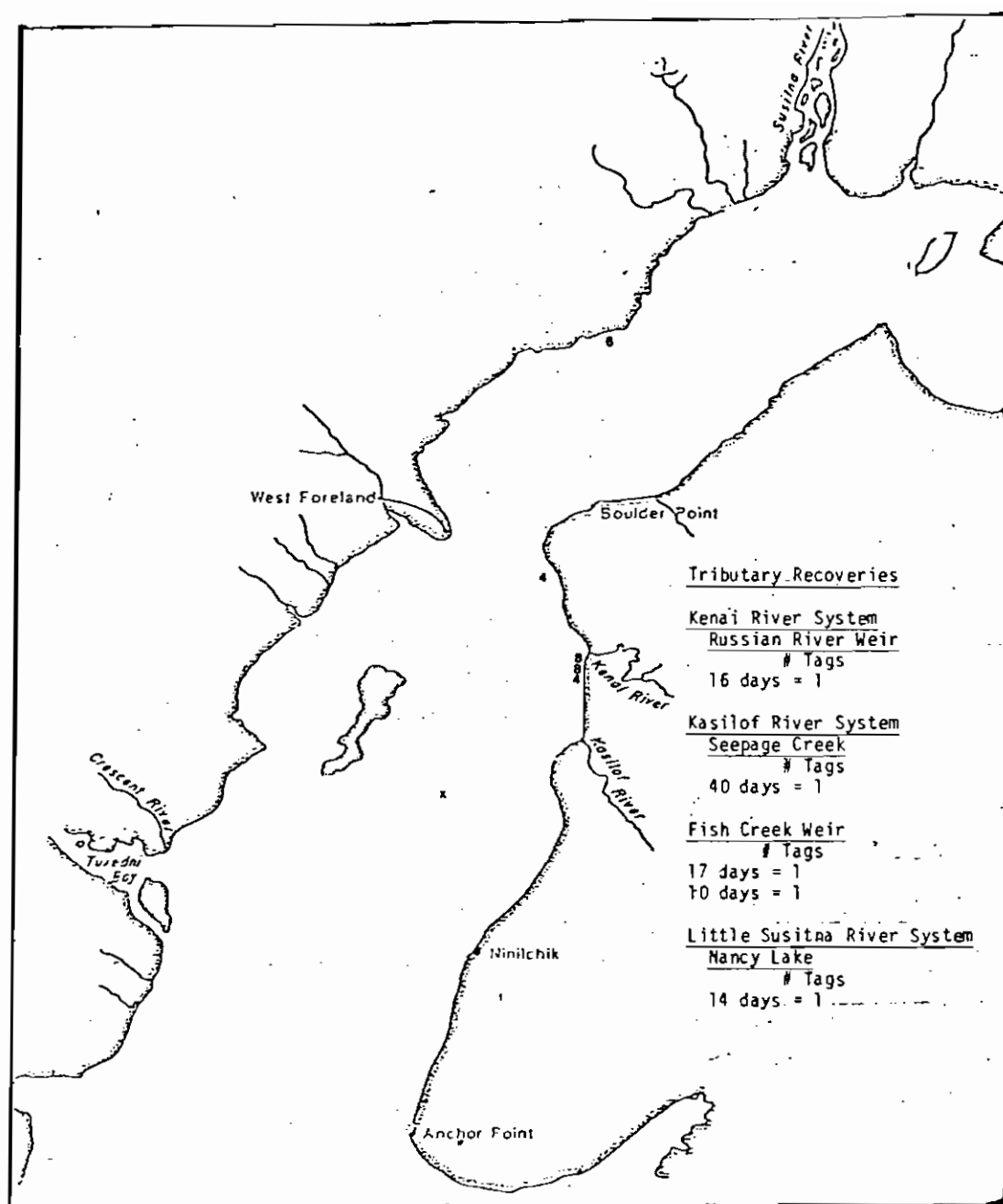


Figure A60. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 32 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1984.

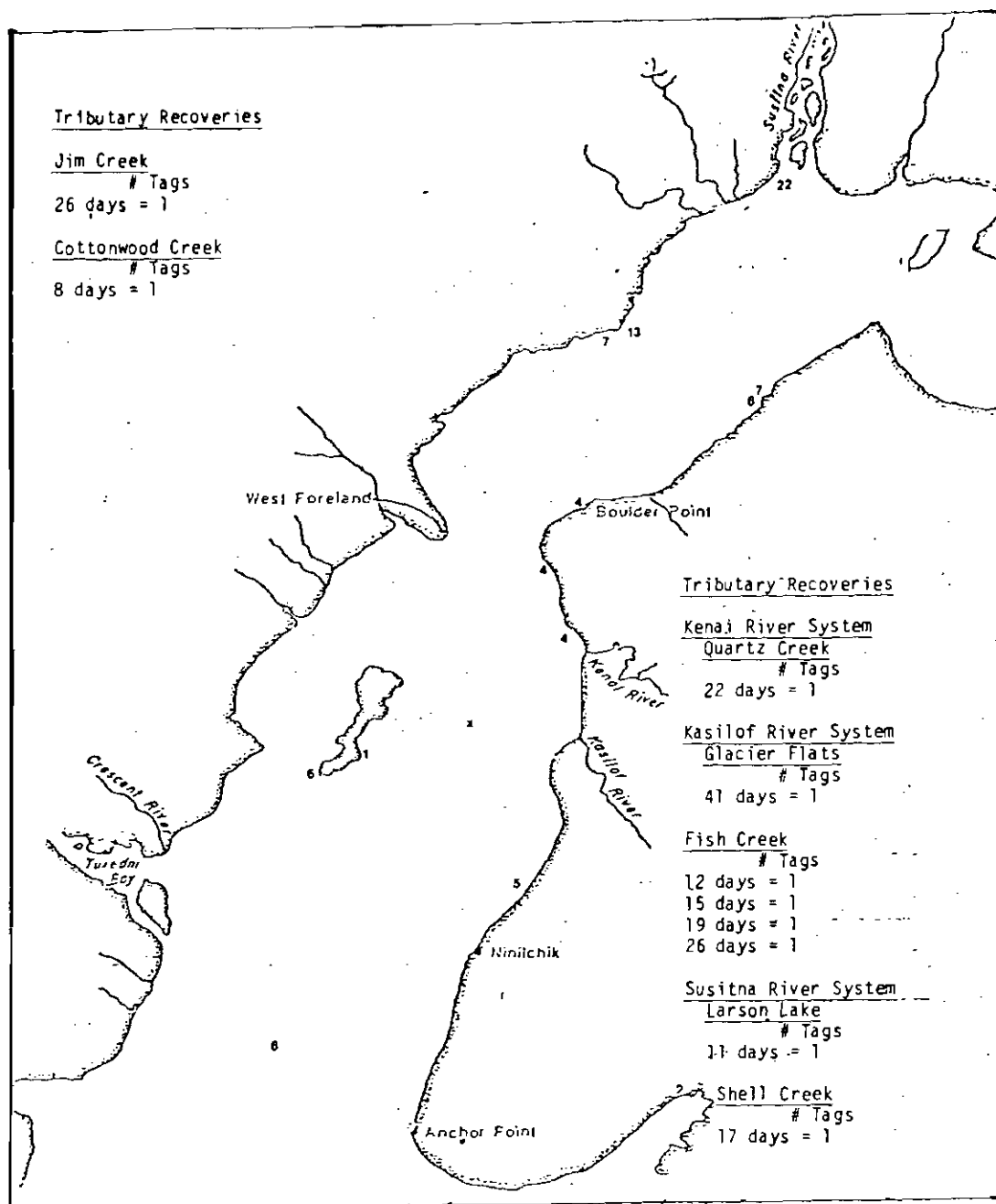


Figure A61. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 329 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1984.

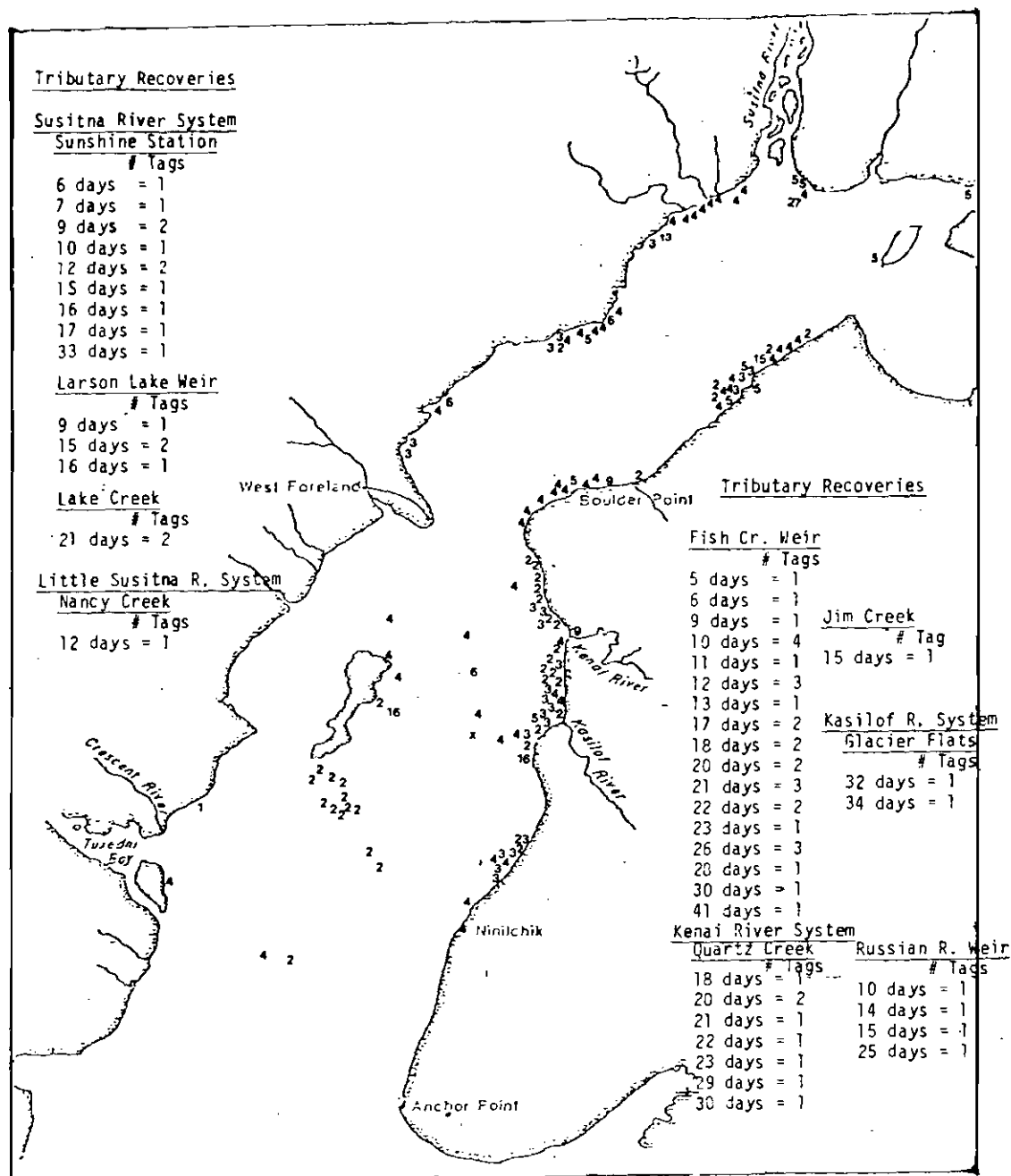


Figure A62. Location (X) of a single purse seine set on 14 July that resulted in the tagging and release of 860 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 14 July 1984.

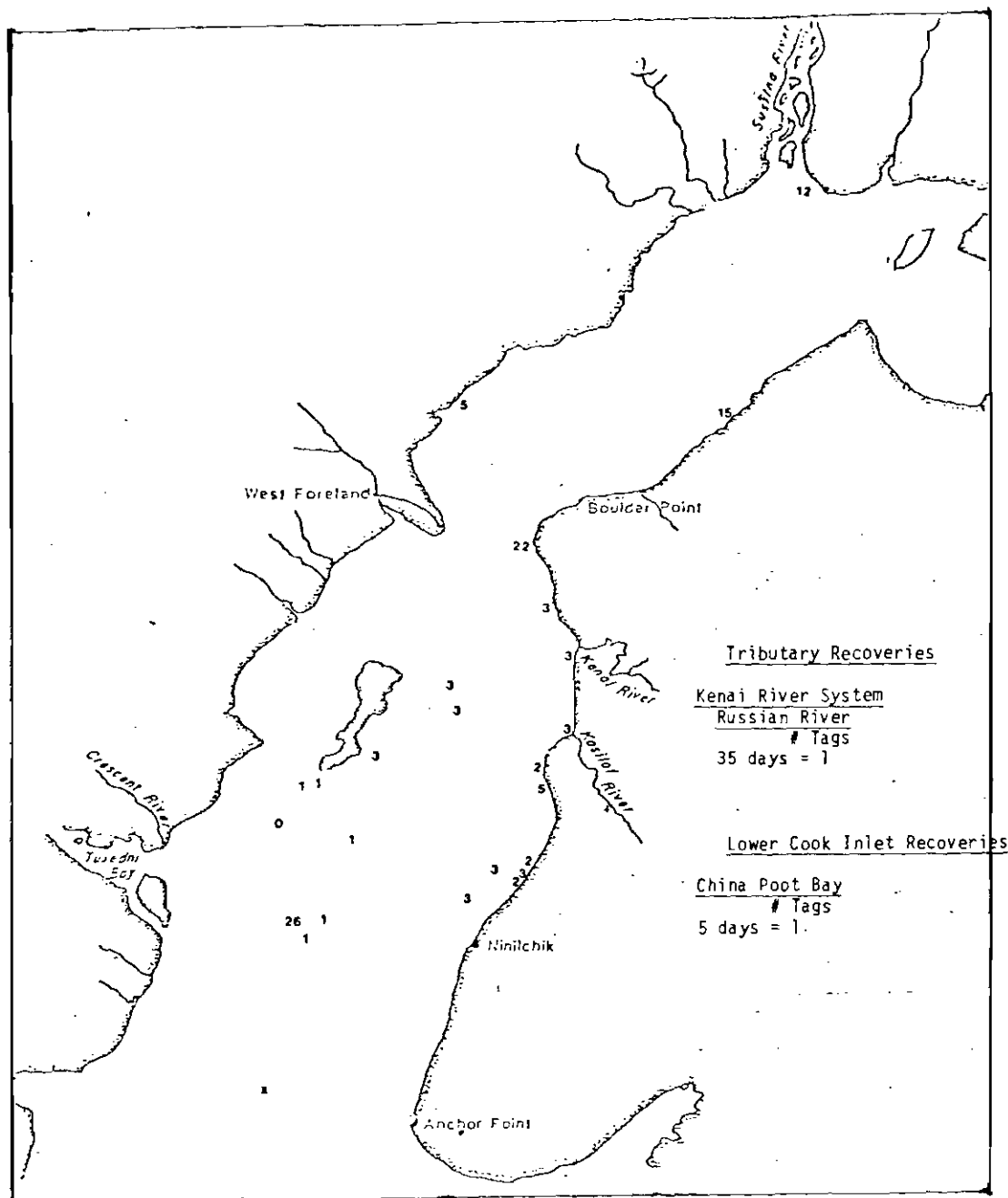


Figure A63. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 141 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1984.

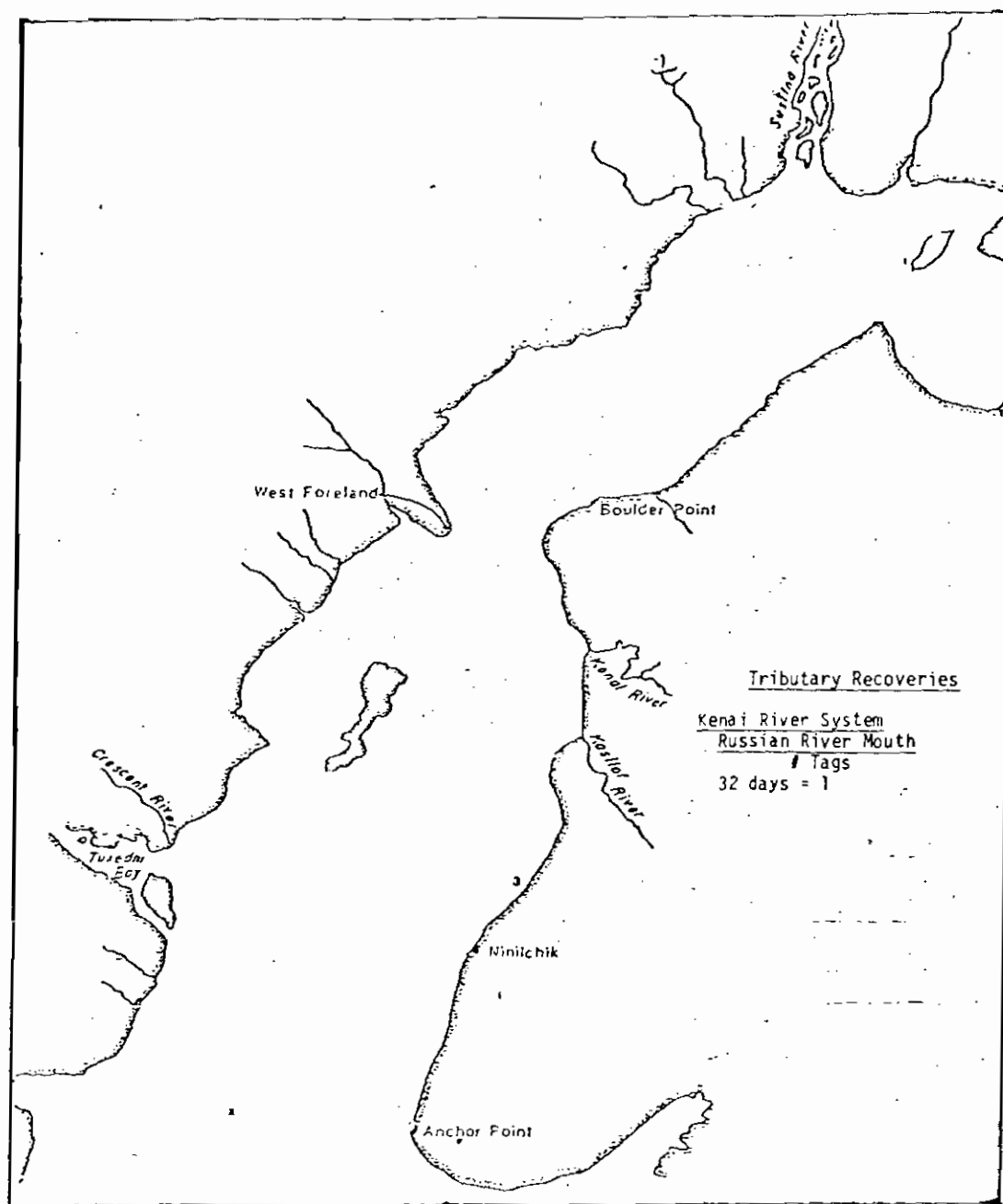


Figure A64. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 8 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1984.

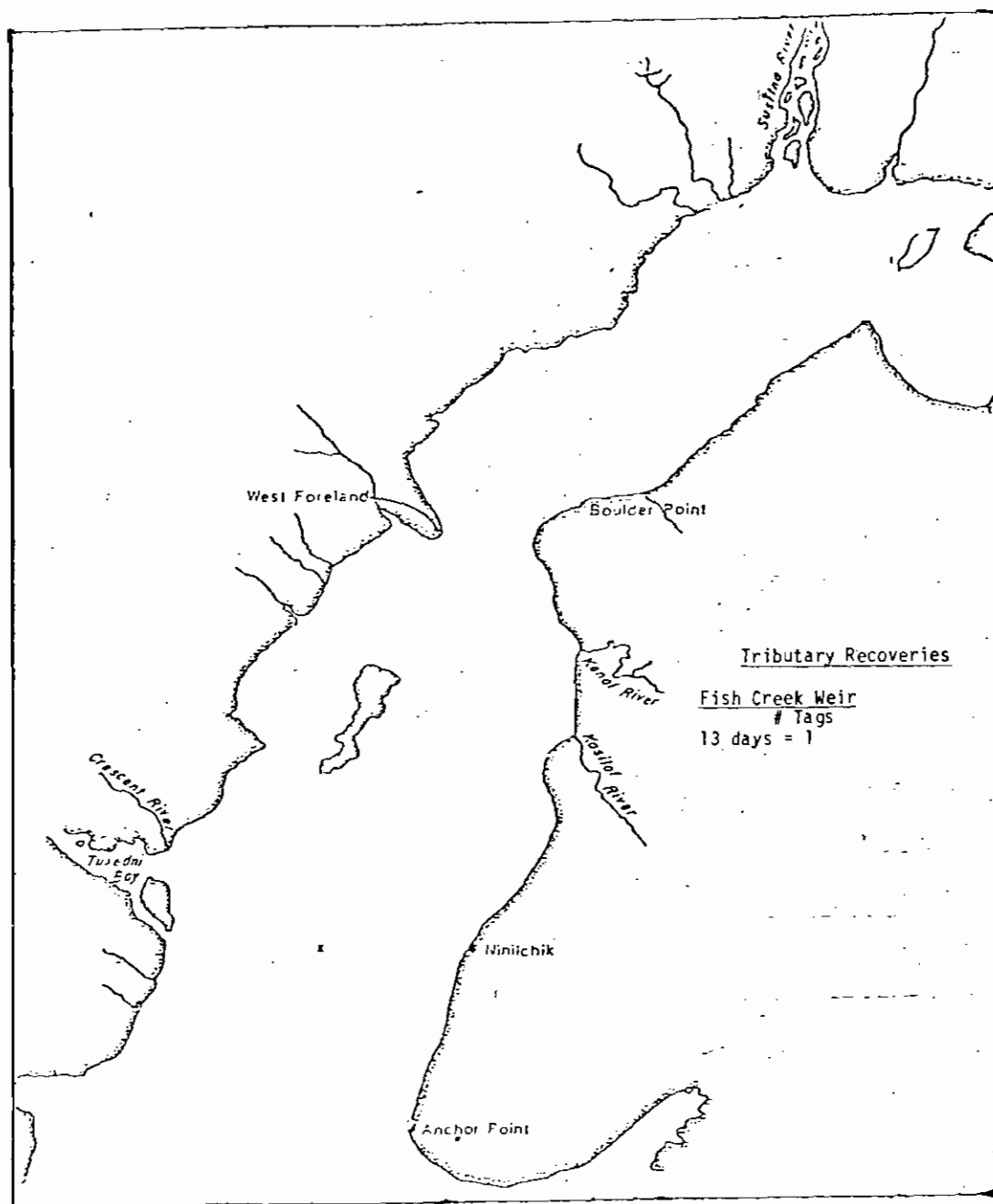


Figure A65. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 2 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1984.

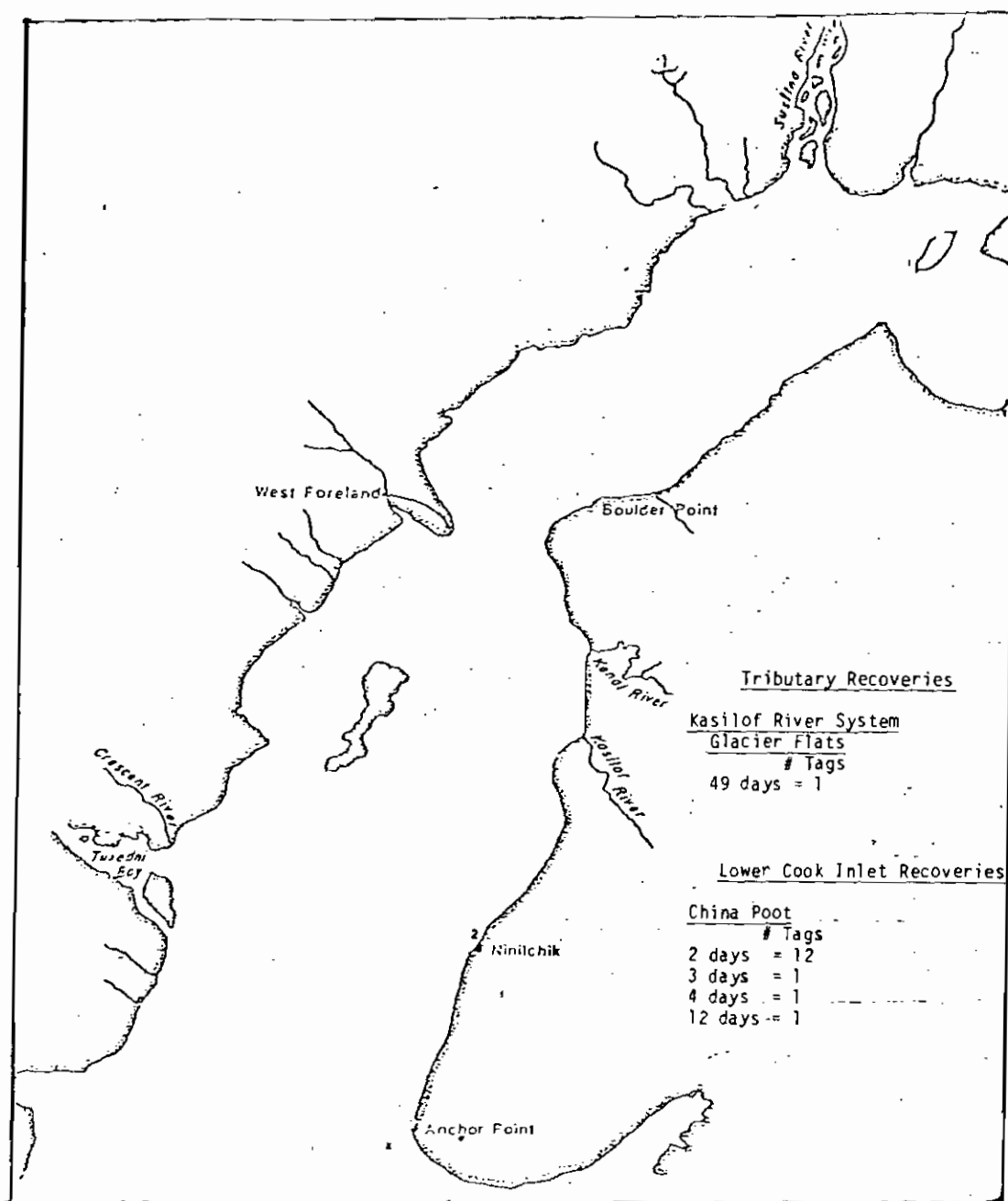


Figure A66: Location (X) of a single purse seine set on 7 July that resulted in the tagging and release of 25 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 7 July 1984.

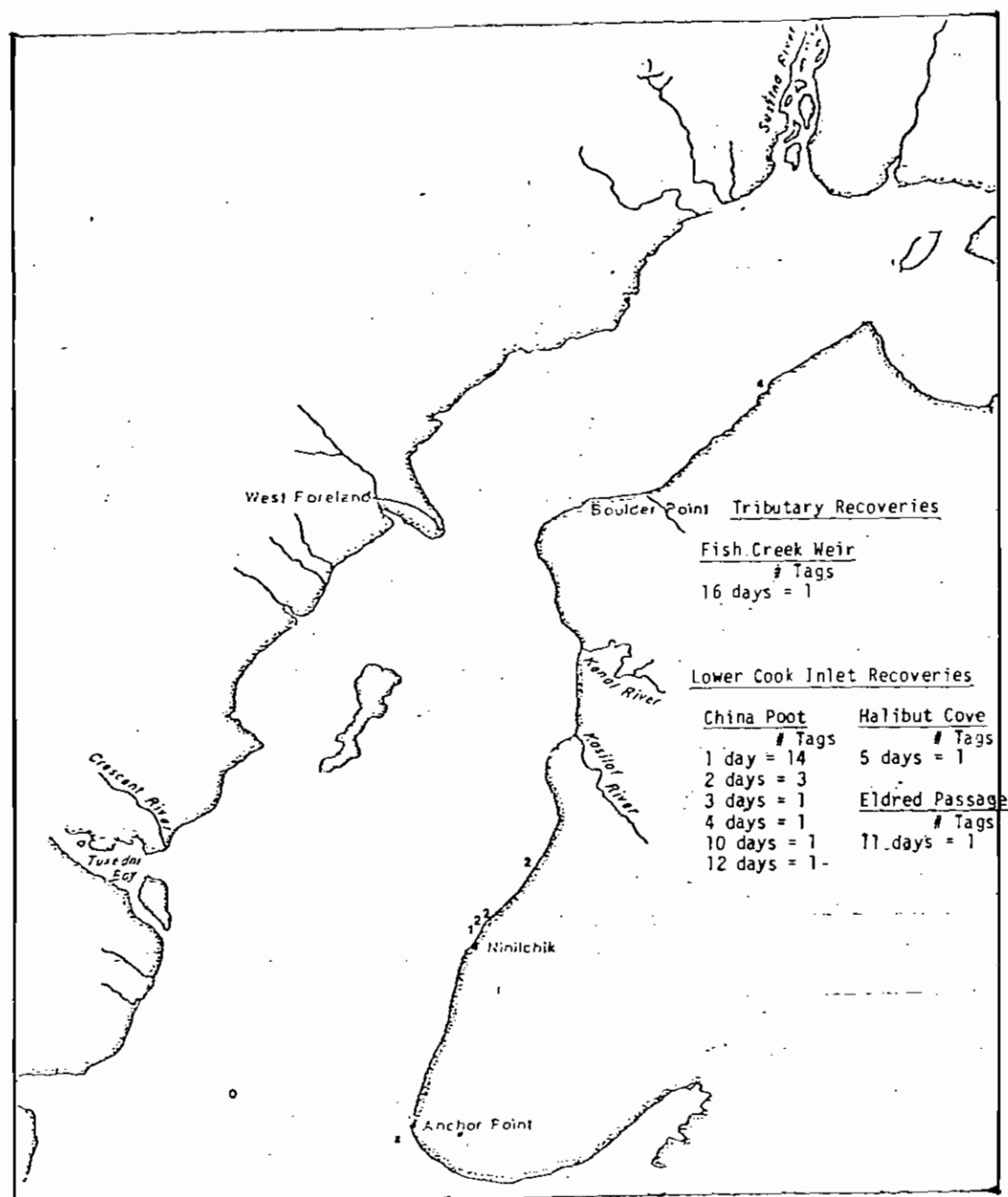


Figure A67. Location (X) of a single purse seine set on 8 July that resulted in the tagging and release of 51 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 8 July 1984.

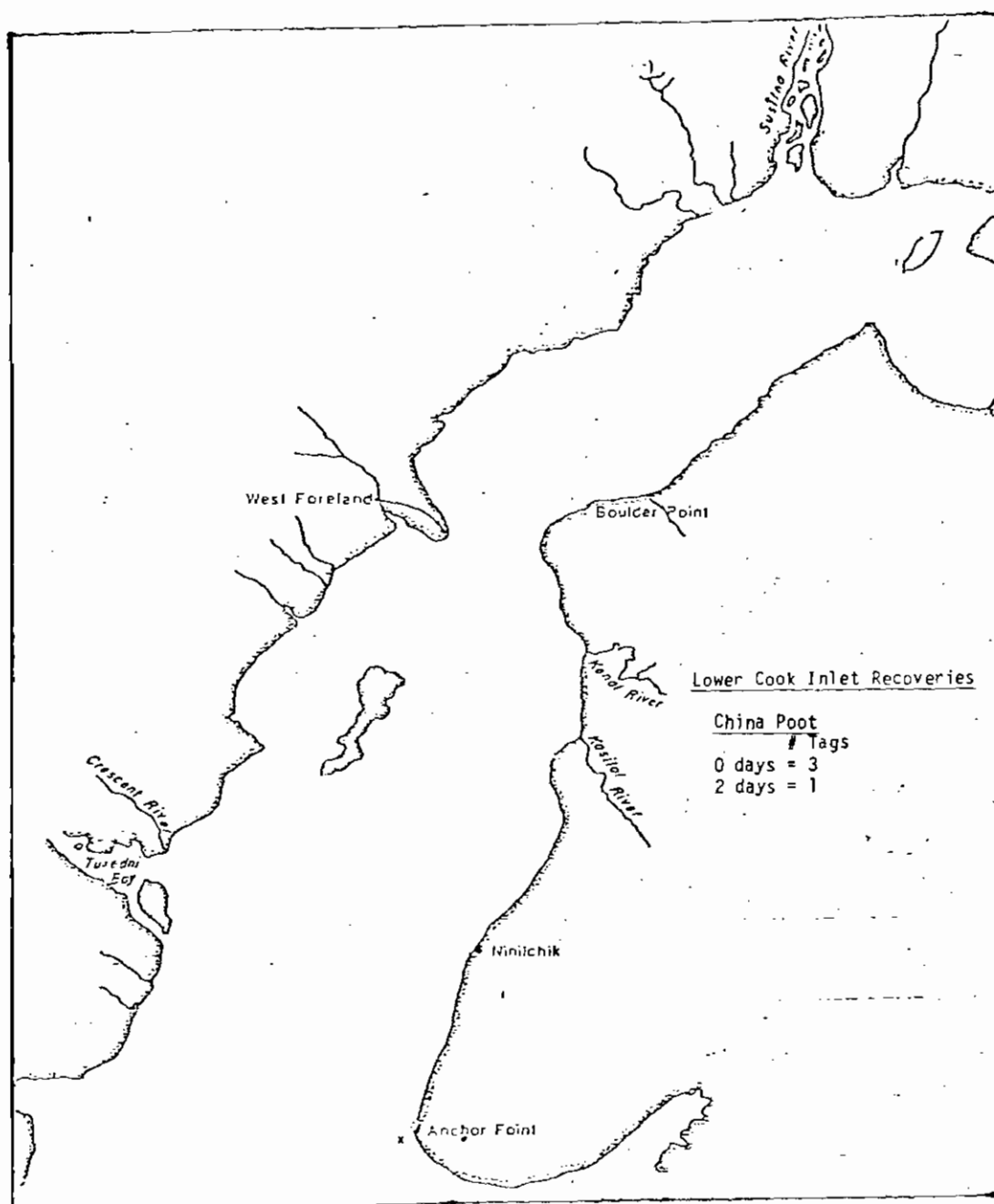


Figure A68. Location (X) of a single purse seine set on 9 July that resulted in the tagging and release of 14 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 9 July 1984.

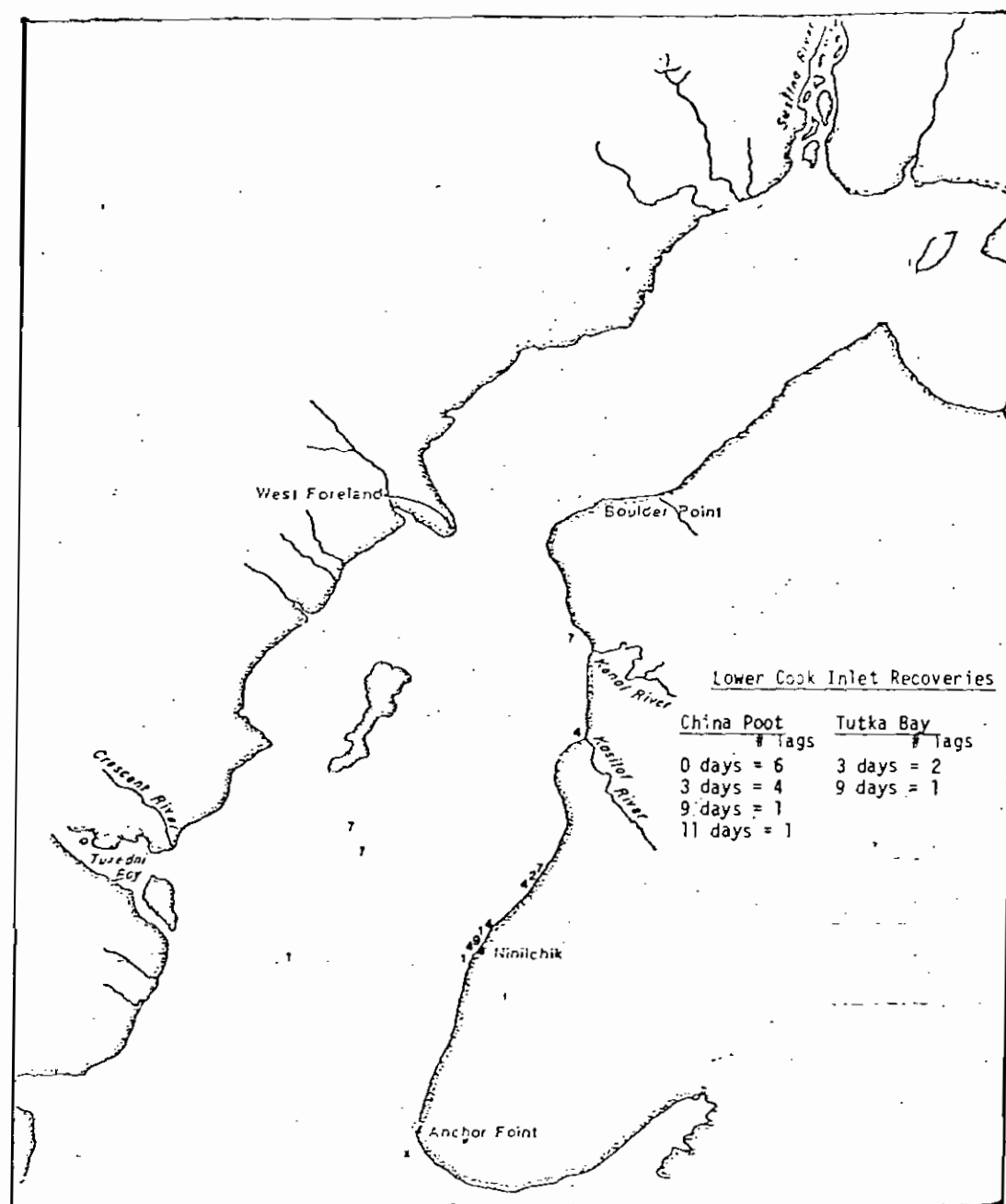


Figure A69. Location (X) of a single purse seine set on 9 July that resulted in the tagging and release of 54 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 9 July 1984.

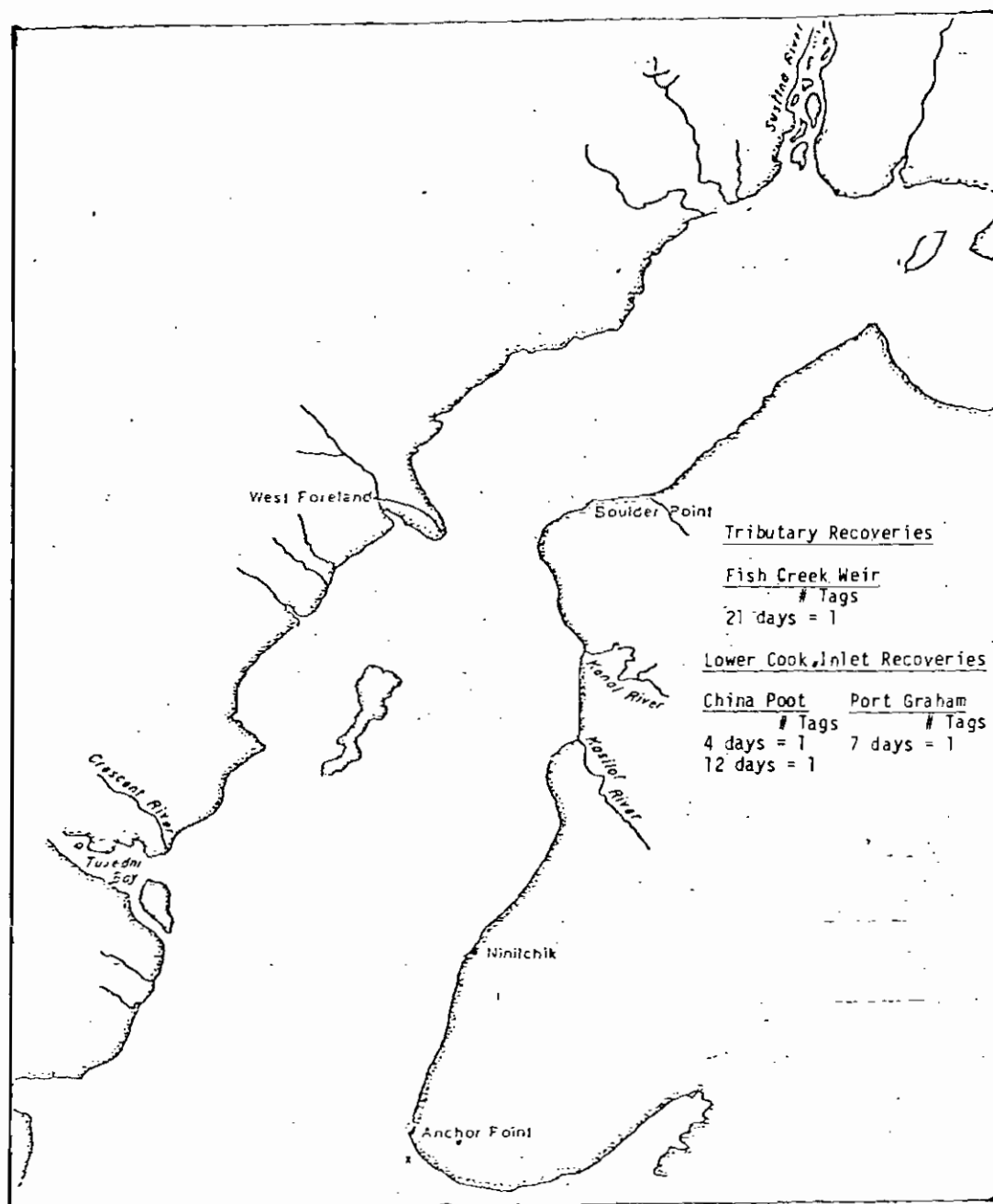


Figure A70. Location (X) of a single purse seine set on 9 July that resulted in the tagging and release of 7 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 9 July 1984.

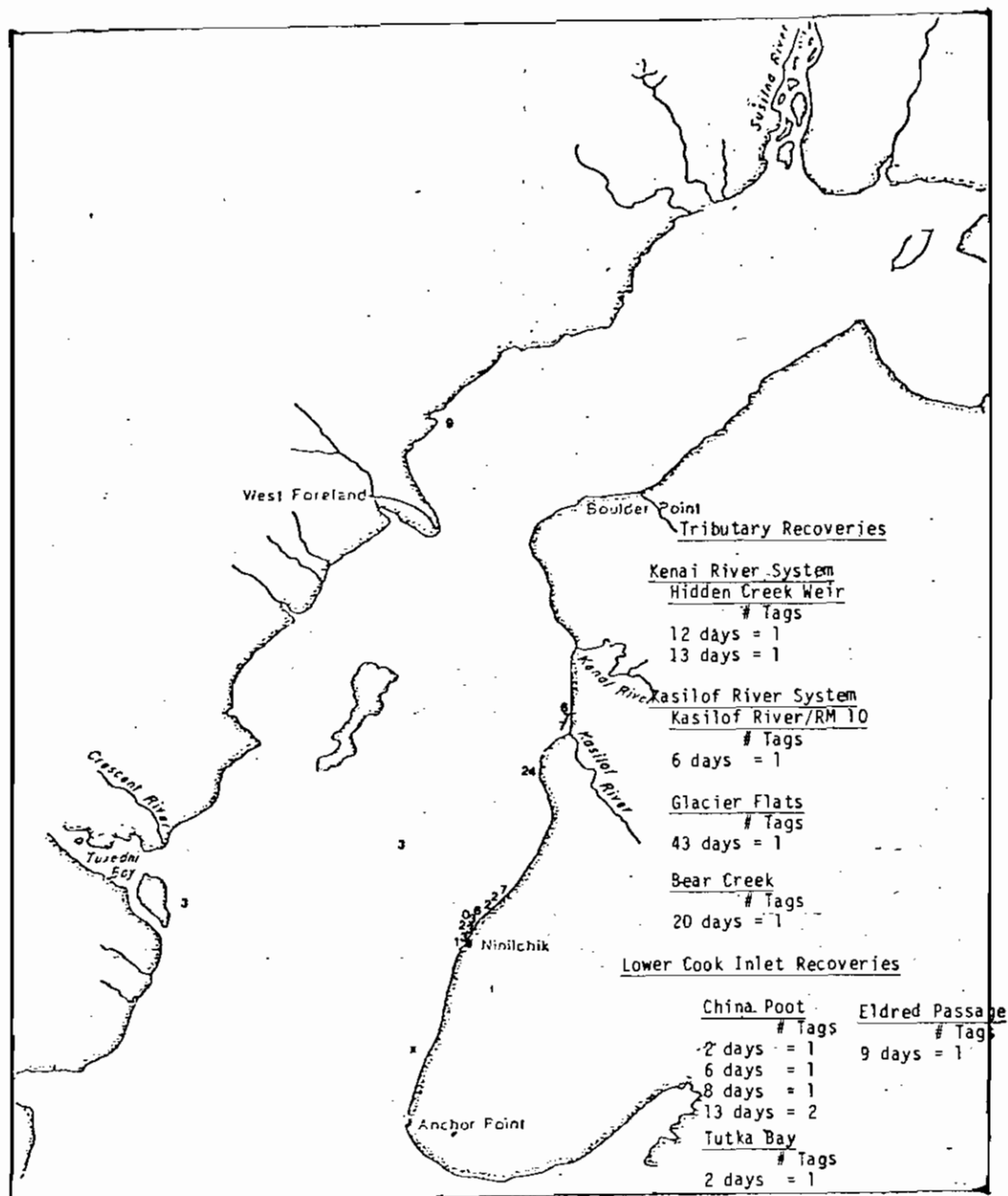


Figure A71. Location (X) of a single purse seine set on 10 July that resulted in the tagging and release of 70 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 10 July 1984.

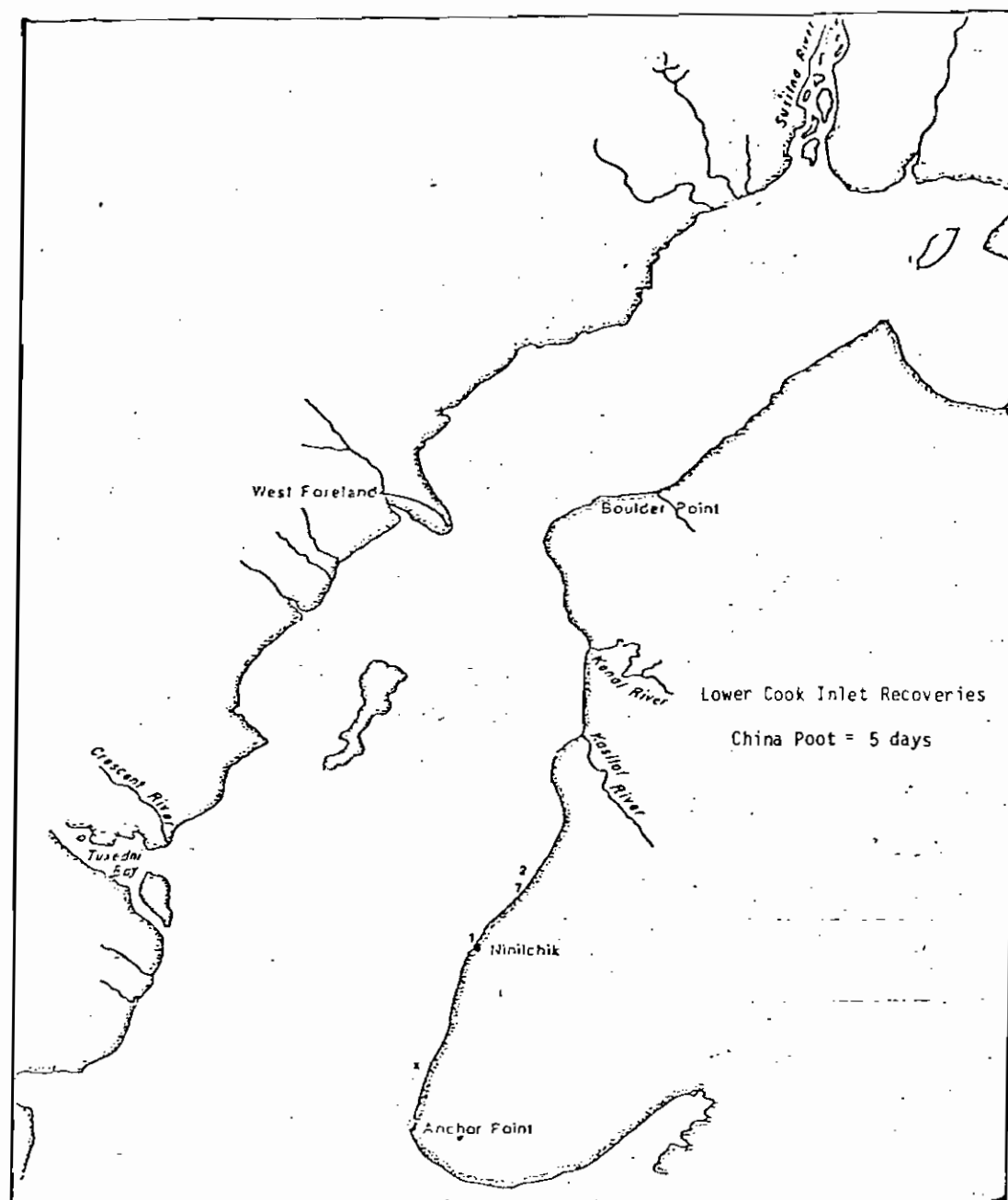


Figure A72. Location (X) of a single purse seine set on 11 July that resulted in the tagging and release of 8 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 11 July 1984.

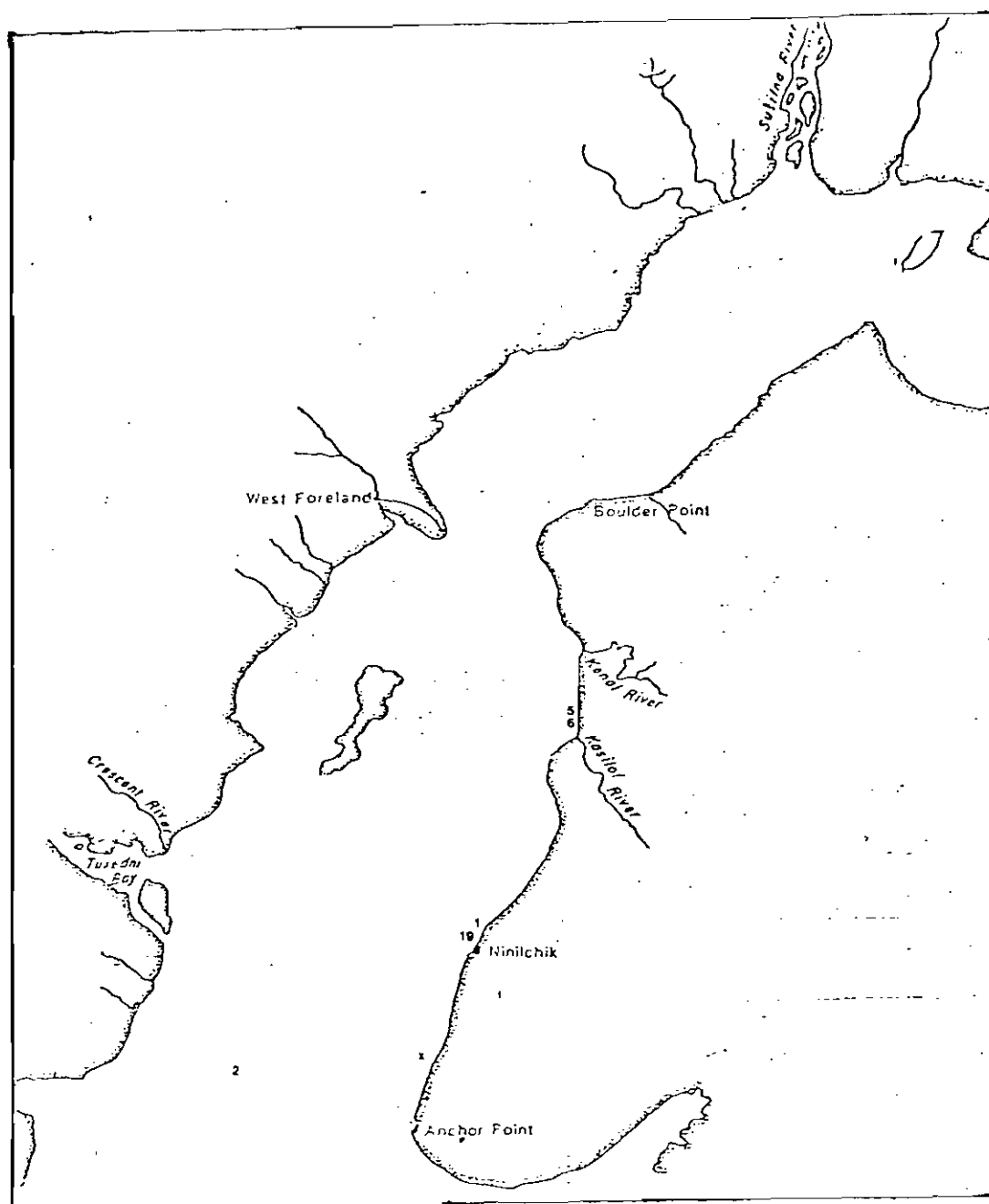


Figure A73. Location (X) of a single purse seine set on 11 July that resulted in the tagging and release of 8 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 11 July 1984.

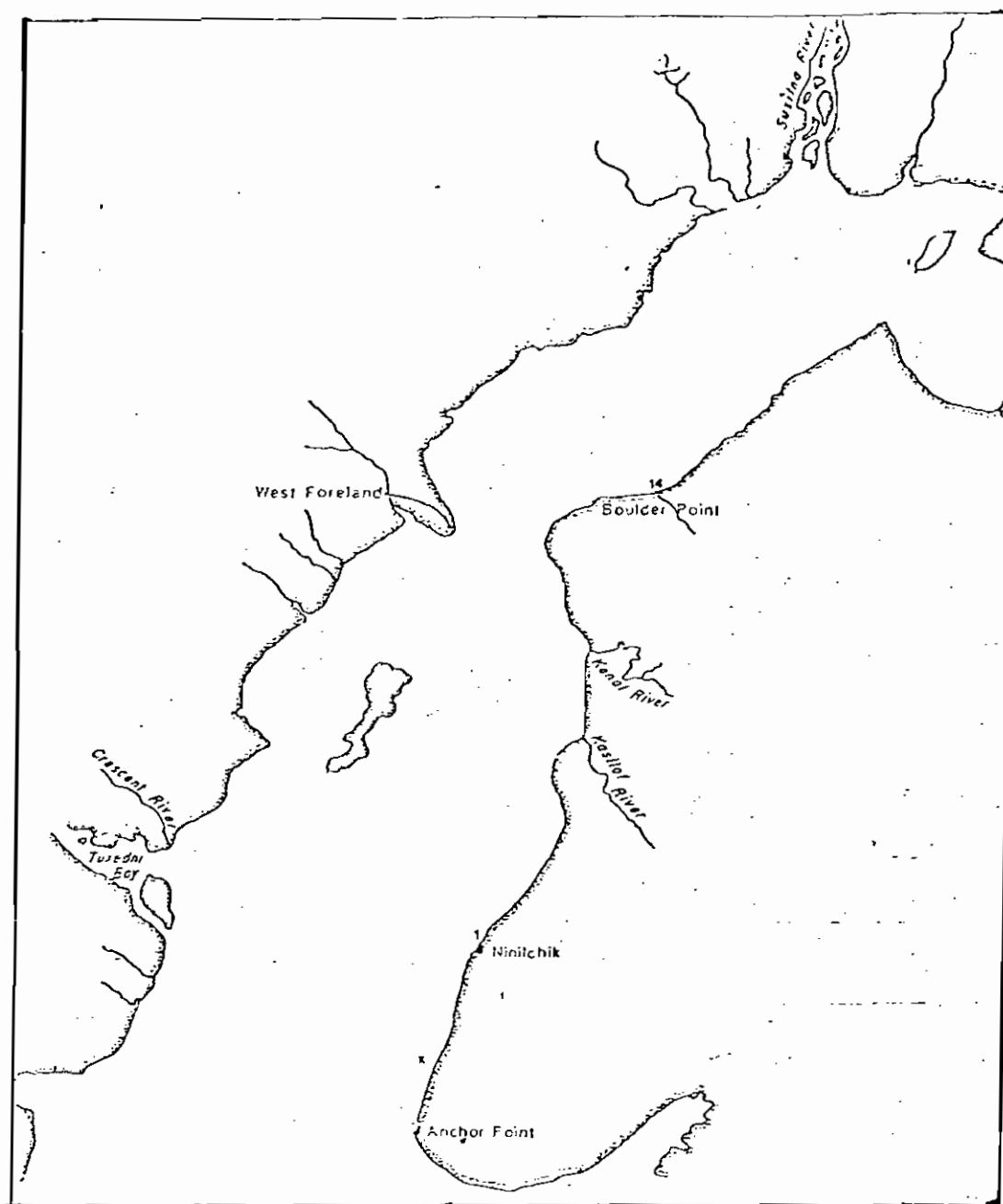


Figure A74. Location (X) of a single purse seine set on 11 July that resulted in the tagging and release of 3 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 11 July 1984.

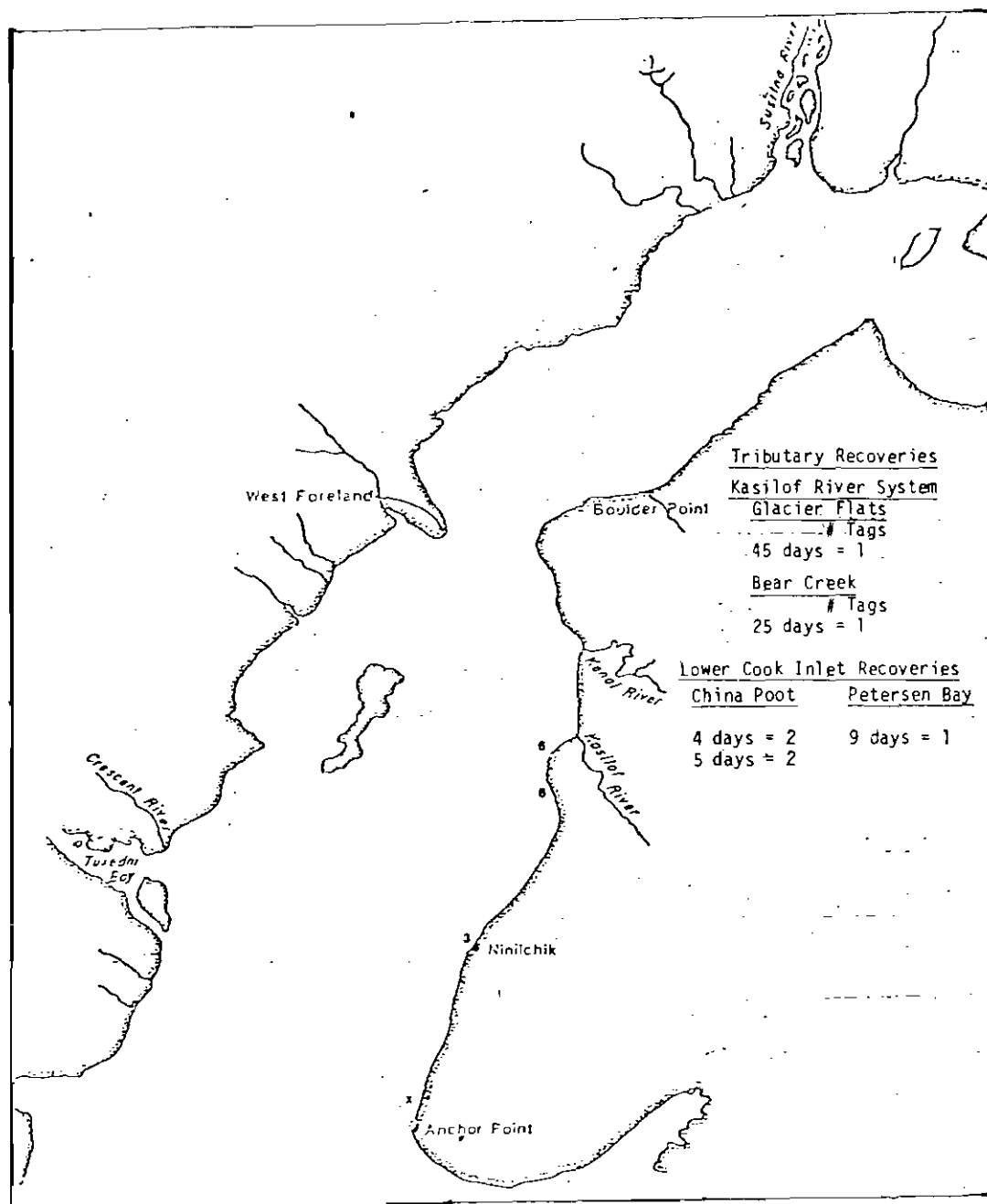


Figure A75. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 46 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1984.

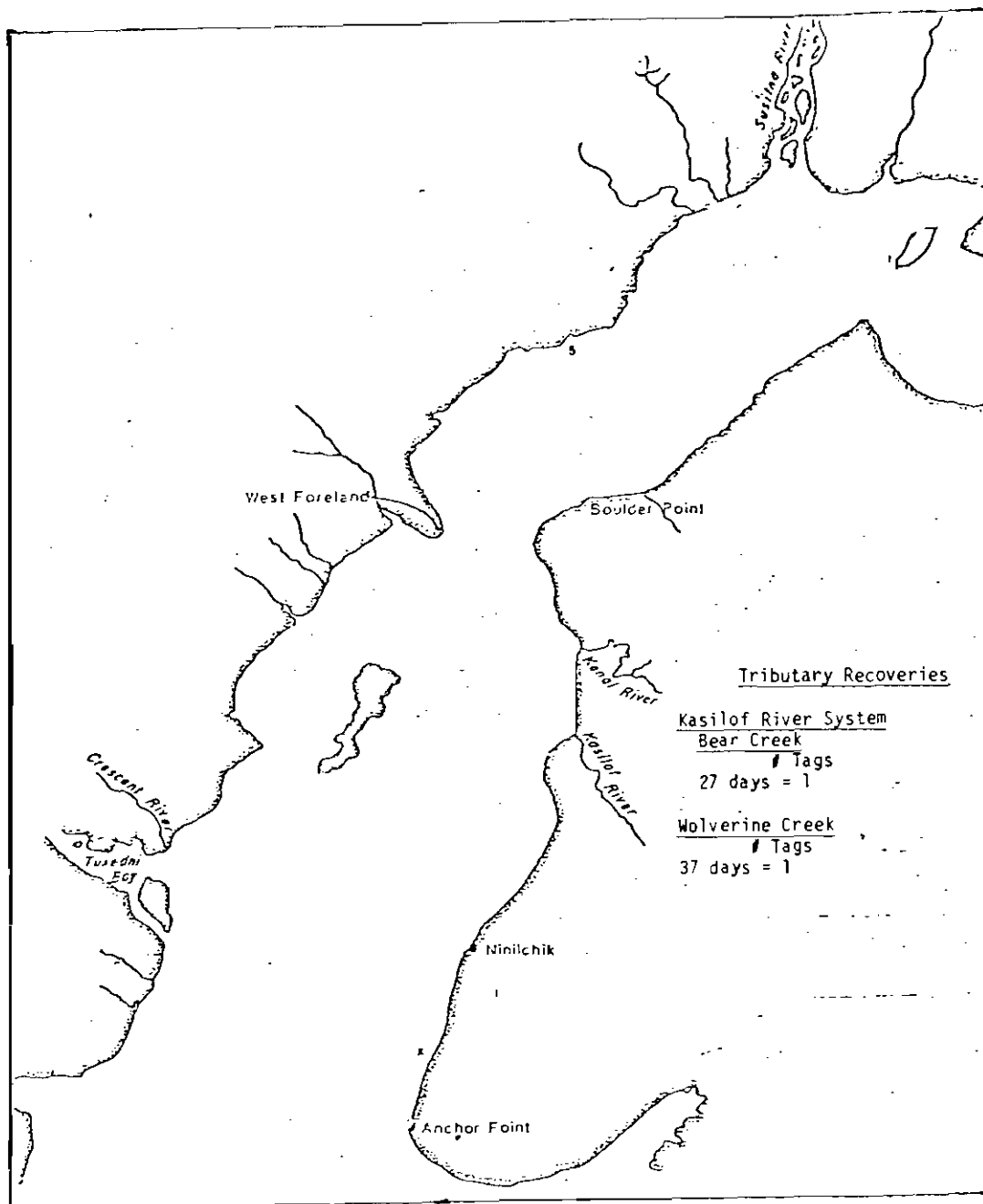


Figure A76. Location (X) of a single purse seine set on 13 July that resulted in the tagging and release of 11 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1984.

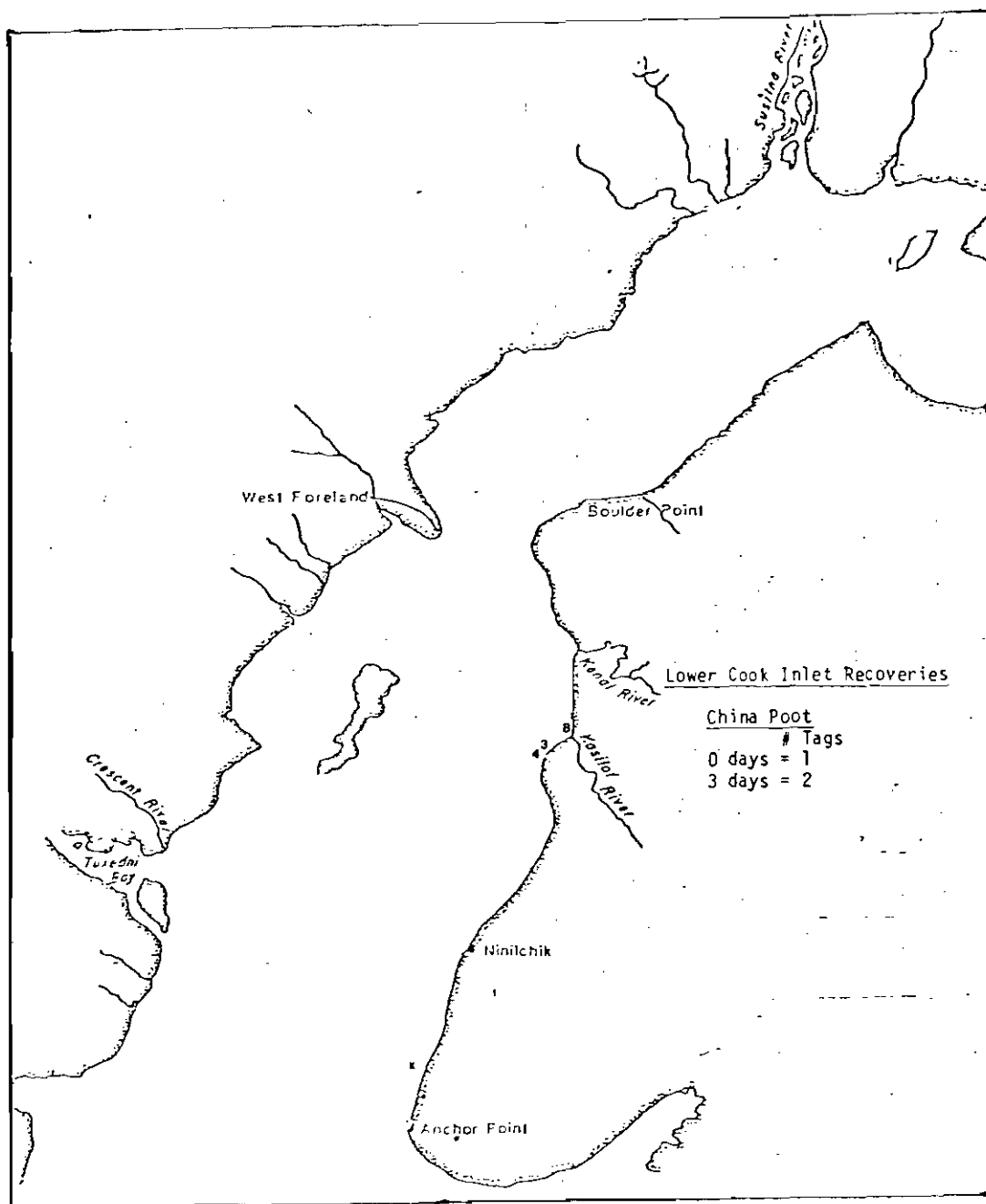


Figure A77. Location (X) of a single purse seine set on 13 July that resulted in the tagging and release of 13 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1984.

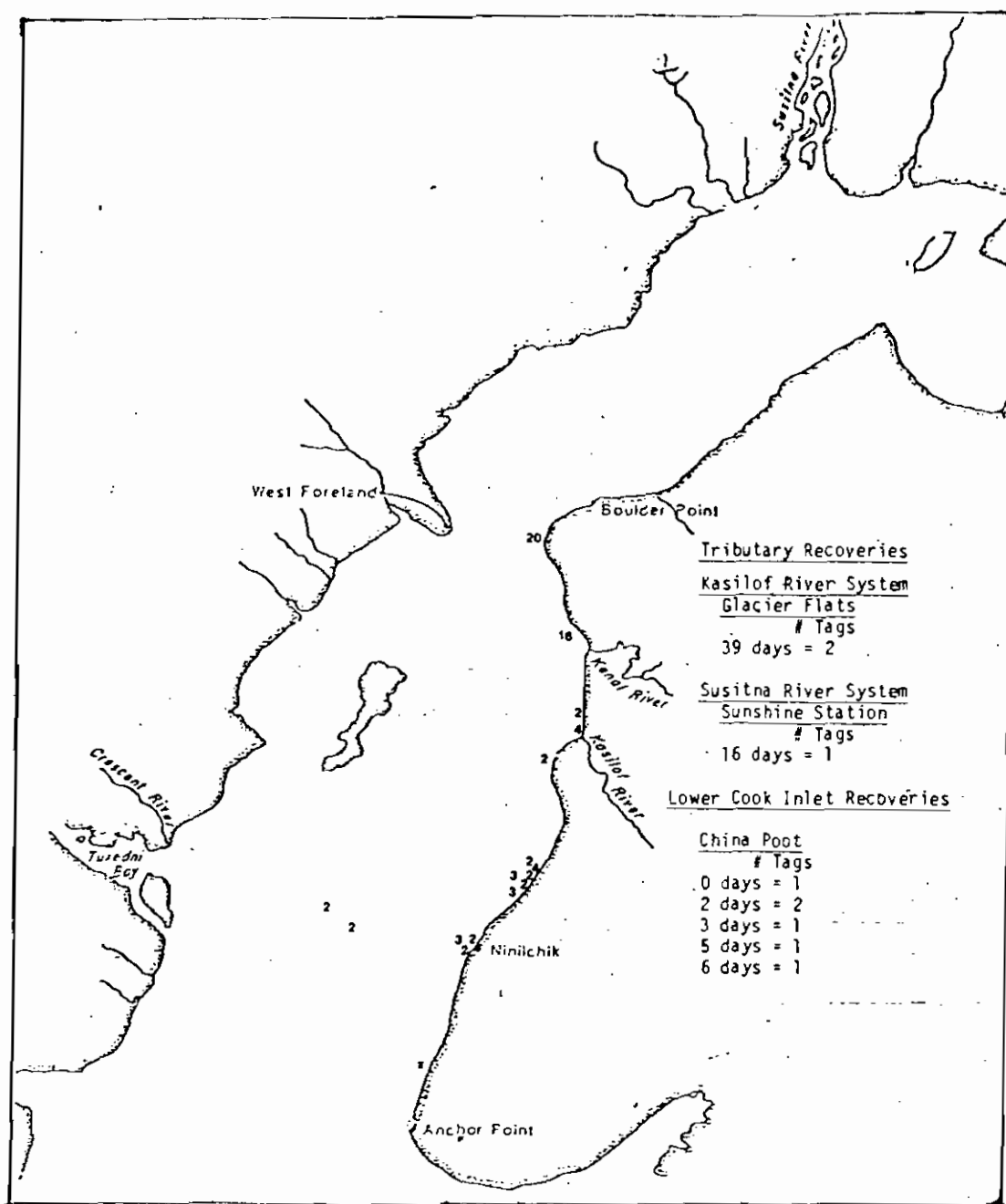


Figure A78. Location (X) of a single purse seine set on 14 July that resulted in the tagging and release of 60 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 14 July 1984.

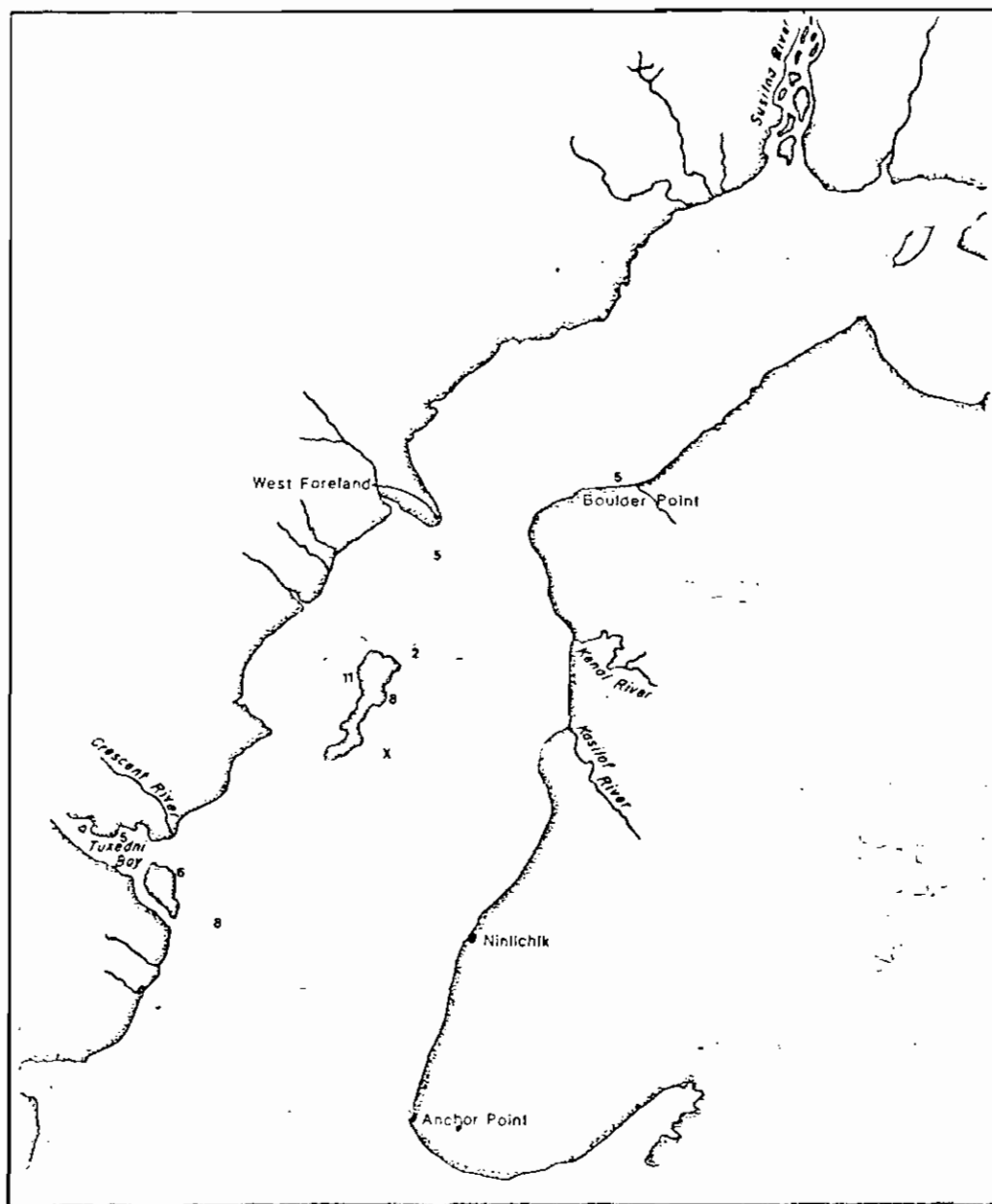


Figure A-1. Location (X) of a single purse seine set on 10 July that resulted in the tagging and release of 25 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 10 July 1983.

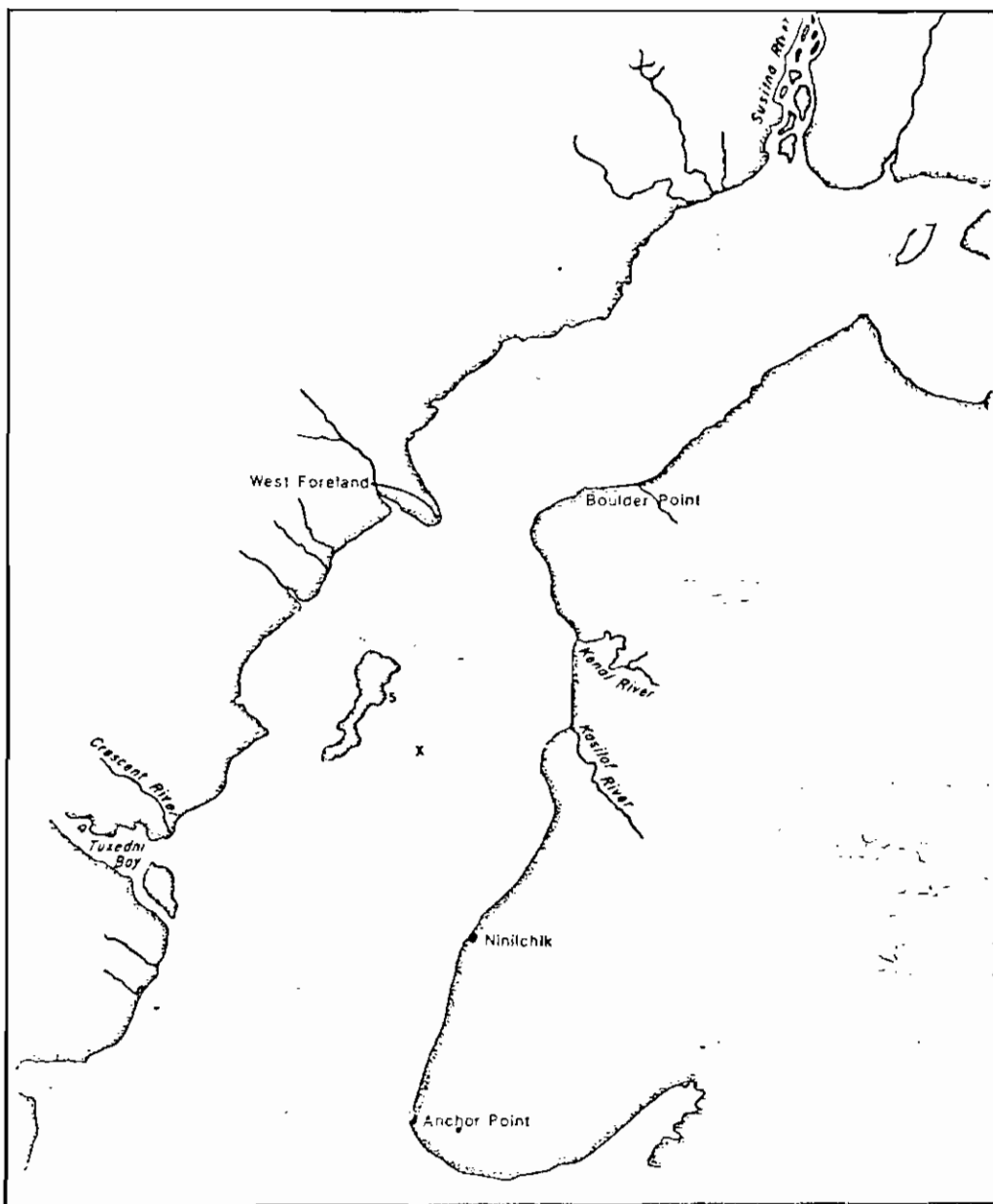


Figure A42 Location (X) of a single purse seine set on 13 July that resulted in the tagging and release of 2 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1983.

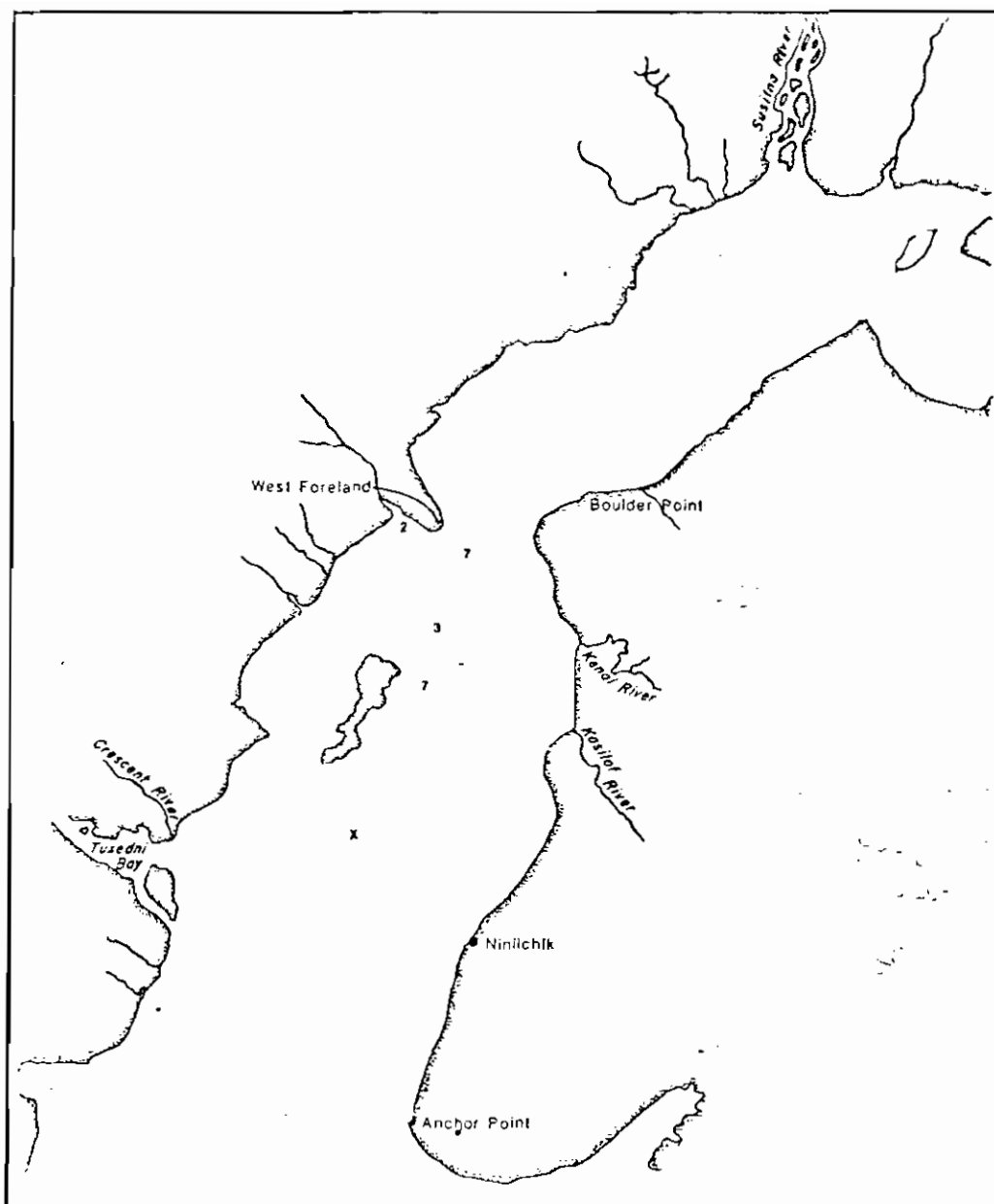


Figure A43. Location (X) of a single purse seine set on 18 July that resulted in the tagging and release of 19 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 13 July 1983.

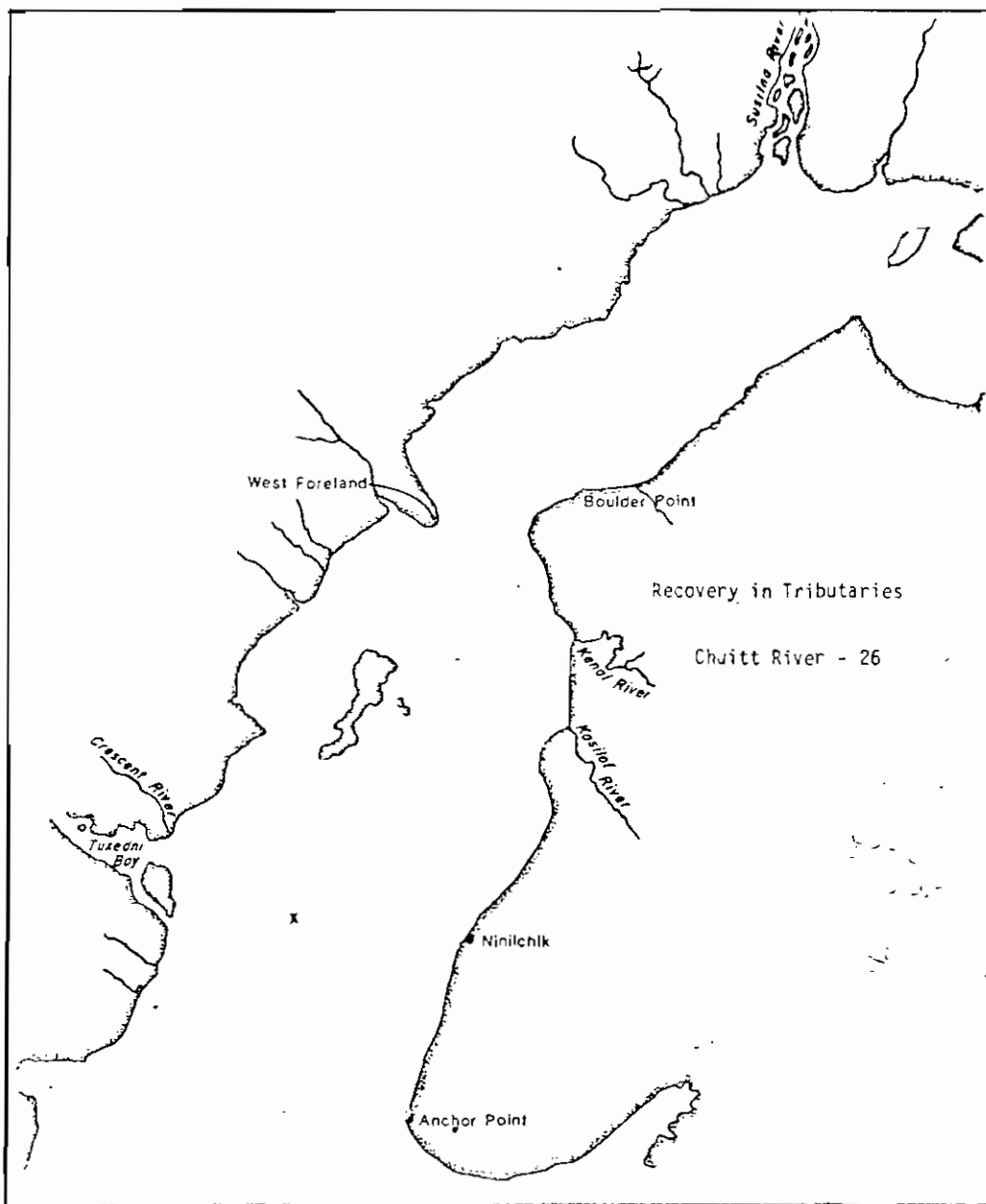


Figure A14. Location (x) of a single purse seine set on 18 July that resulted in the tagging and release of 8 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 18 July 1983.

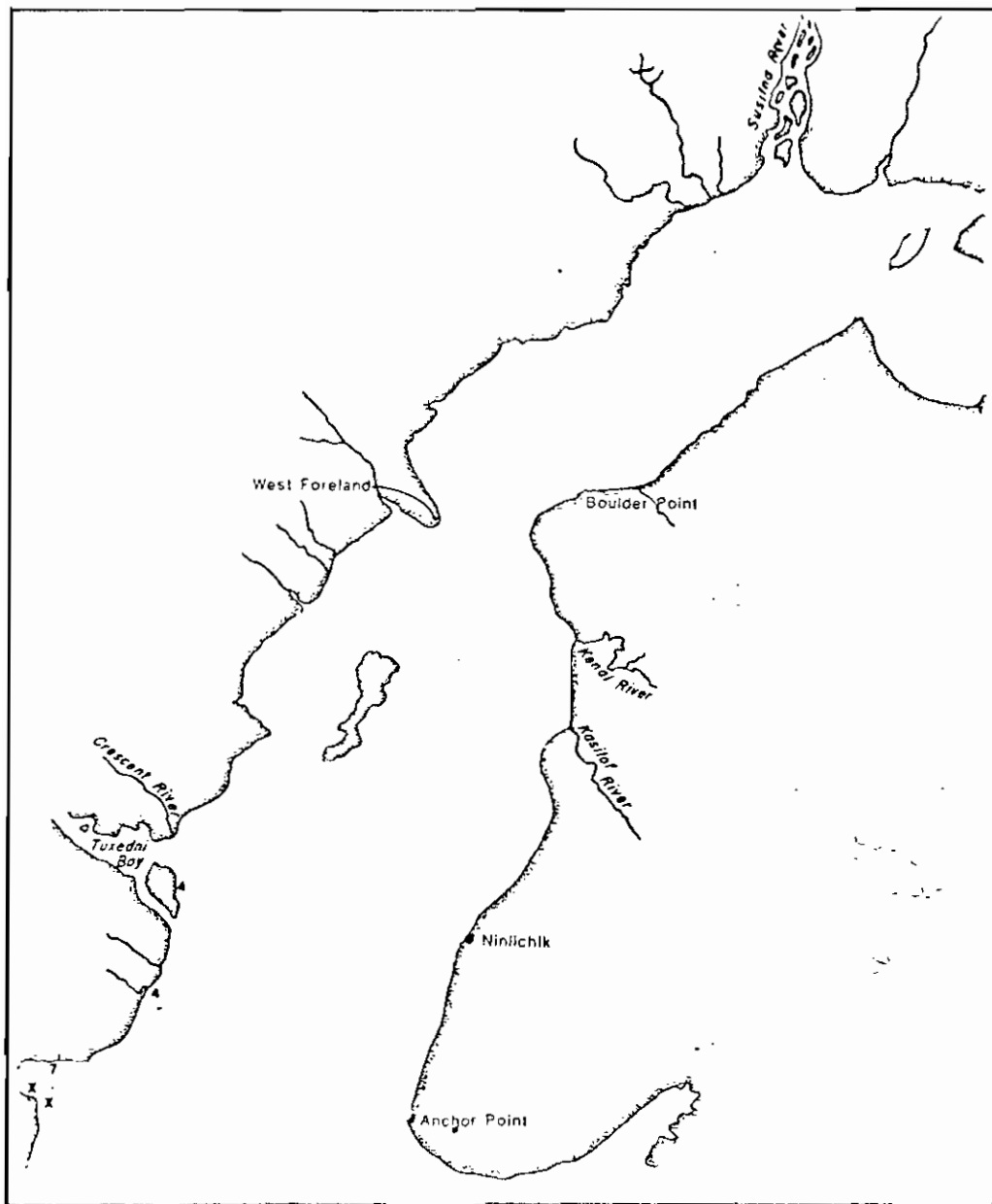


Figure A45. Location (X) of a single purse seine set on 21 July that resulted in the tagging and release of 14 coho salmon (set numbers 1 and 2 are combined as these sets occurred in close proximity). Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 21 July 1983.

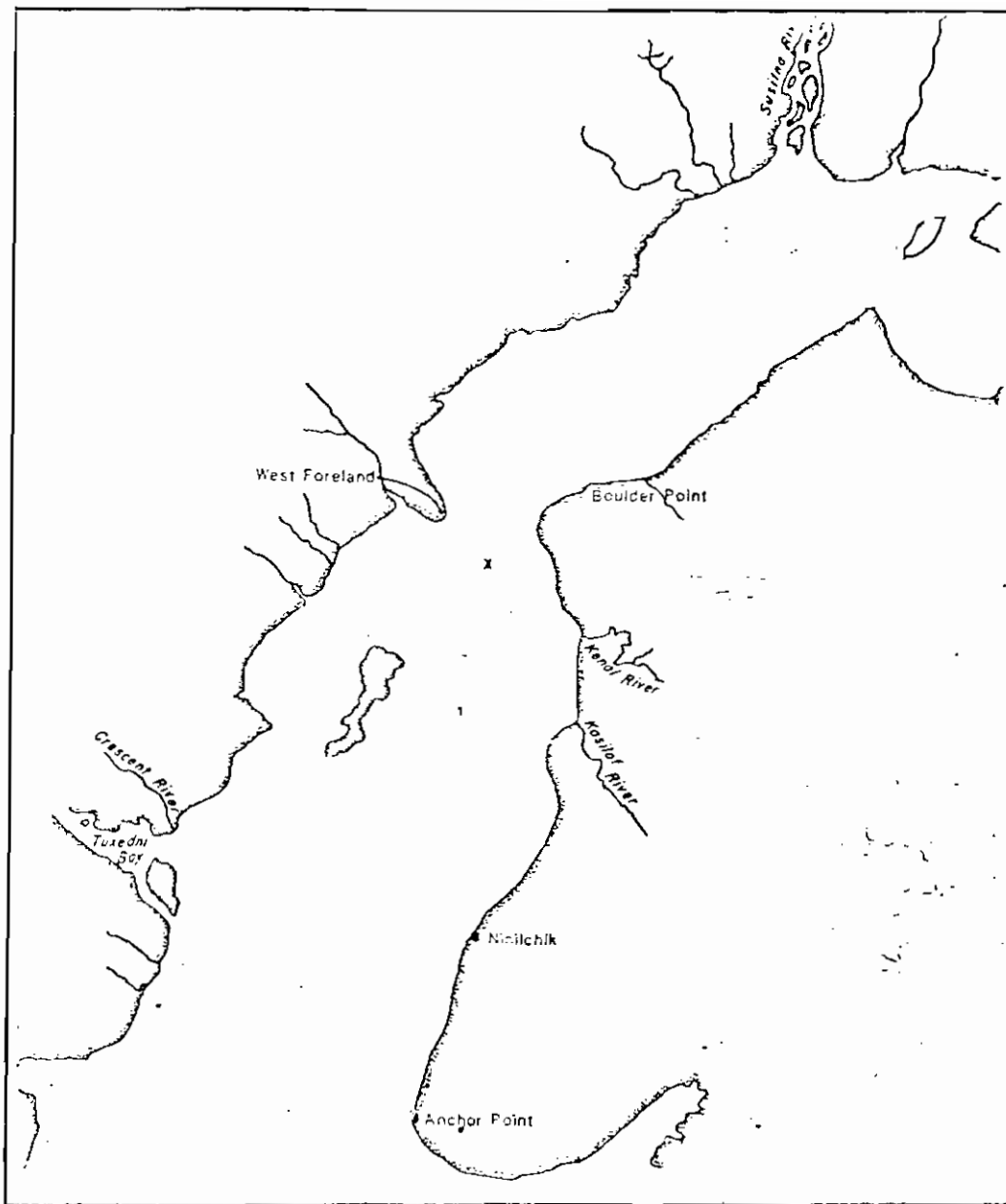


Figure A26. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 2 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1983.

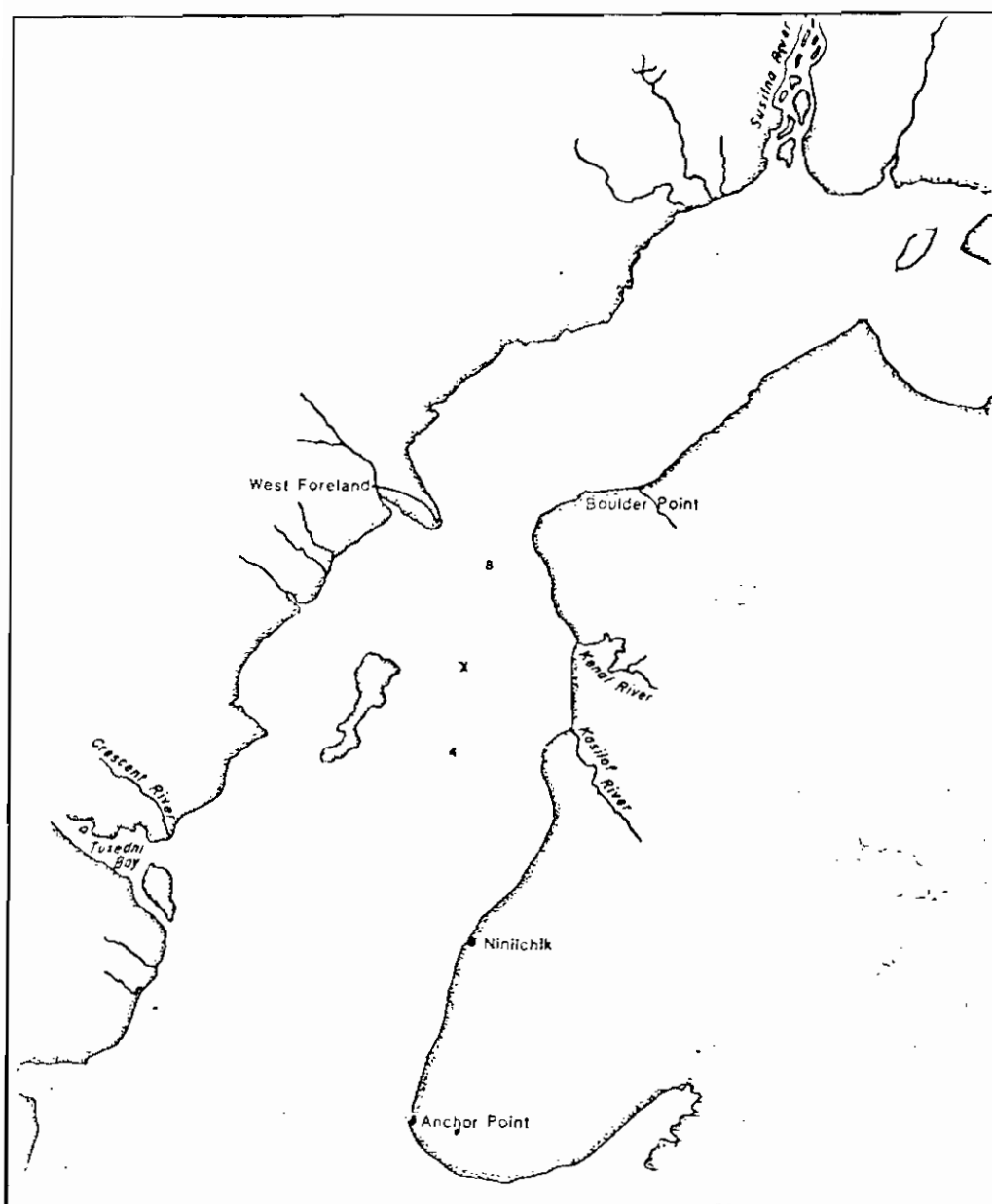


Figure A47. Location (X) of a single purse seine set on 23 July that resulted in the tagging and release of 14 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 28 July 1983.

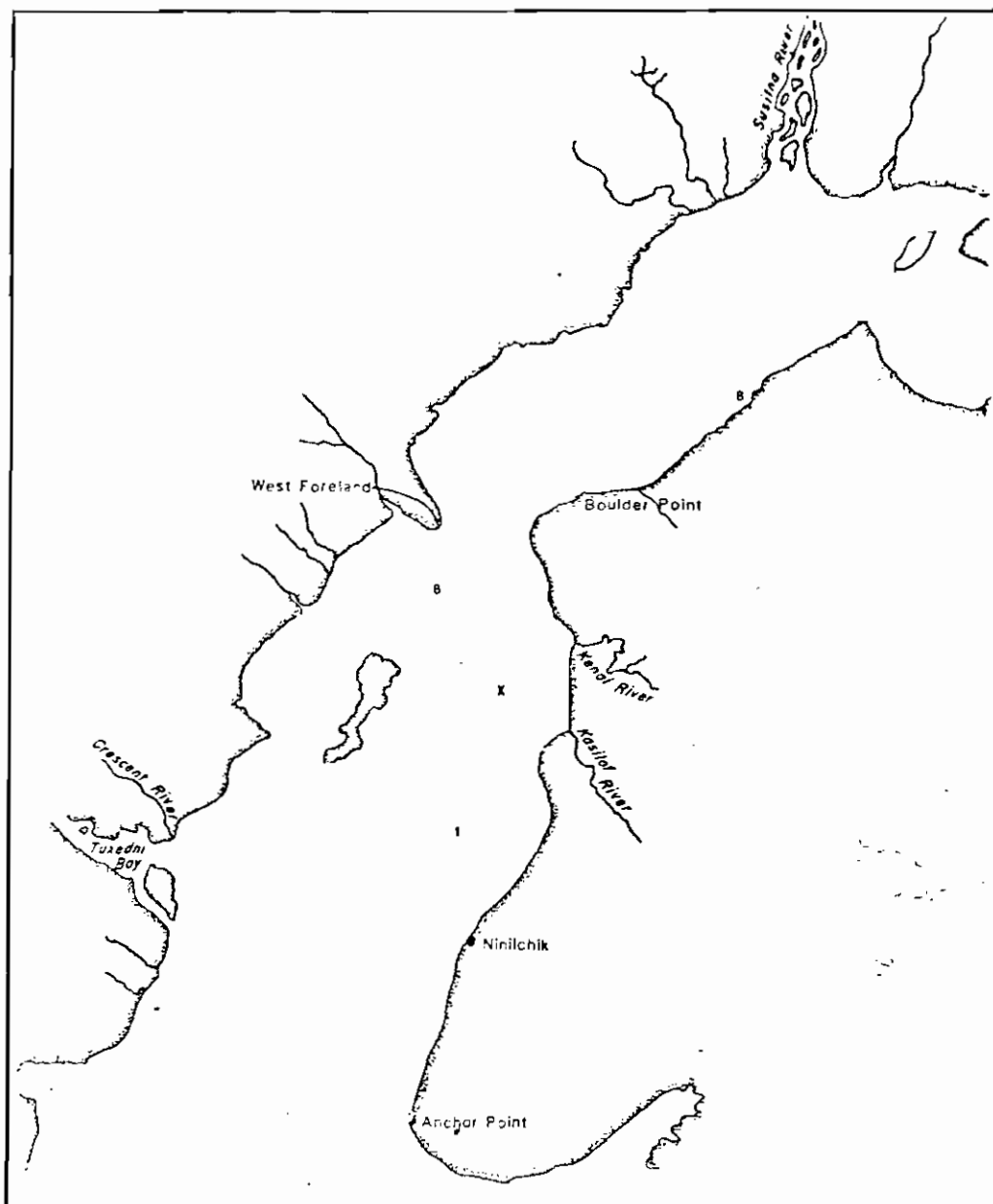


Figure A19. Location (X) of a single purse seine set on 28 July that resulted in the tagging and release of 17 coho salmon (set numbers 2, 3, and 4 are combined as these sets occurred in close proximity). Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 28 July 1963.

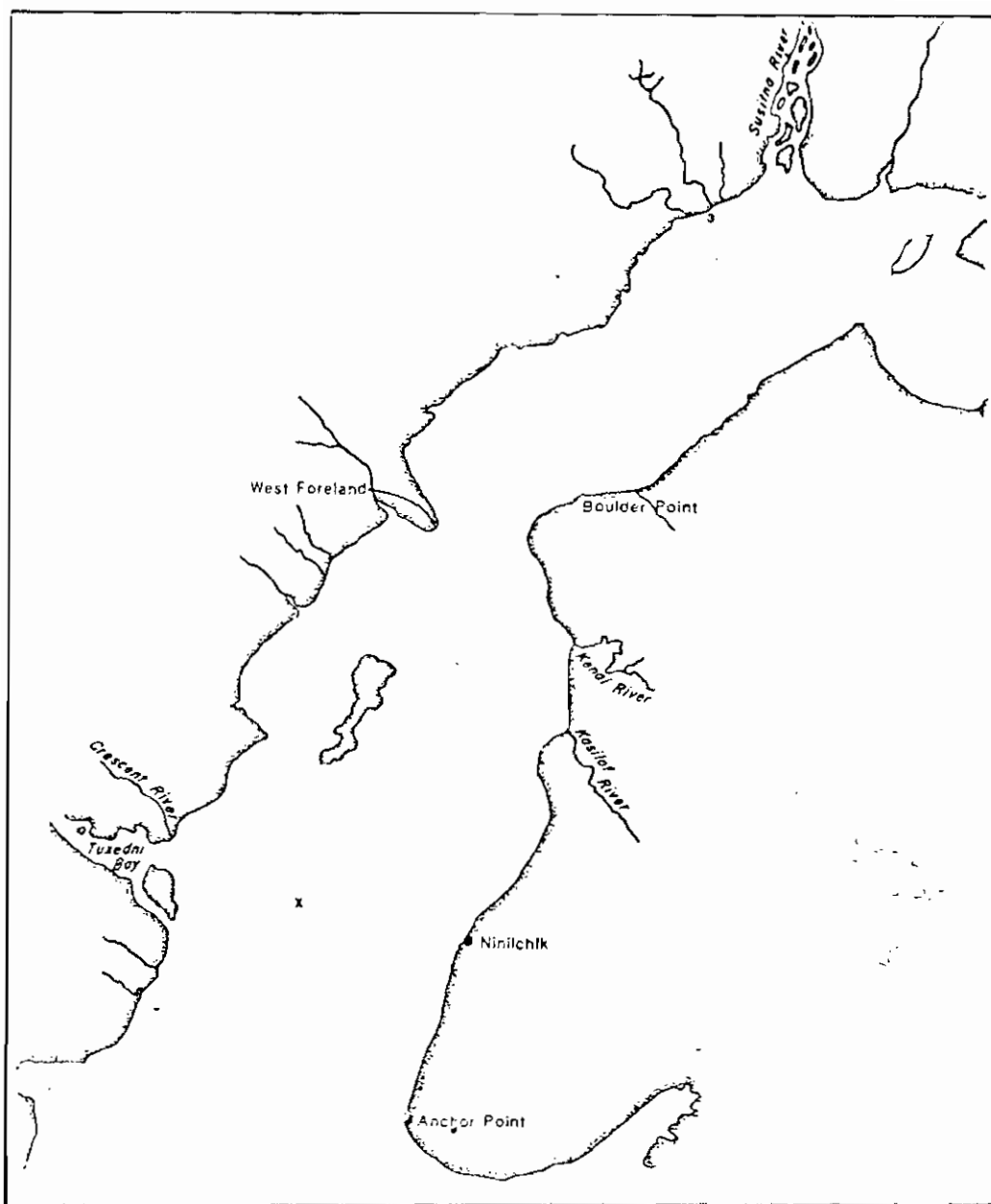


Figure A49 Location (X) of a single purse seine set on 19 July that resulted in the tagging and release of 5 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 19 July 1983.

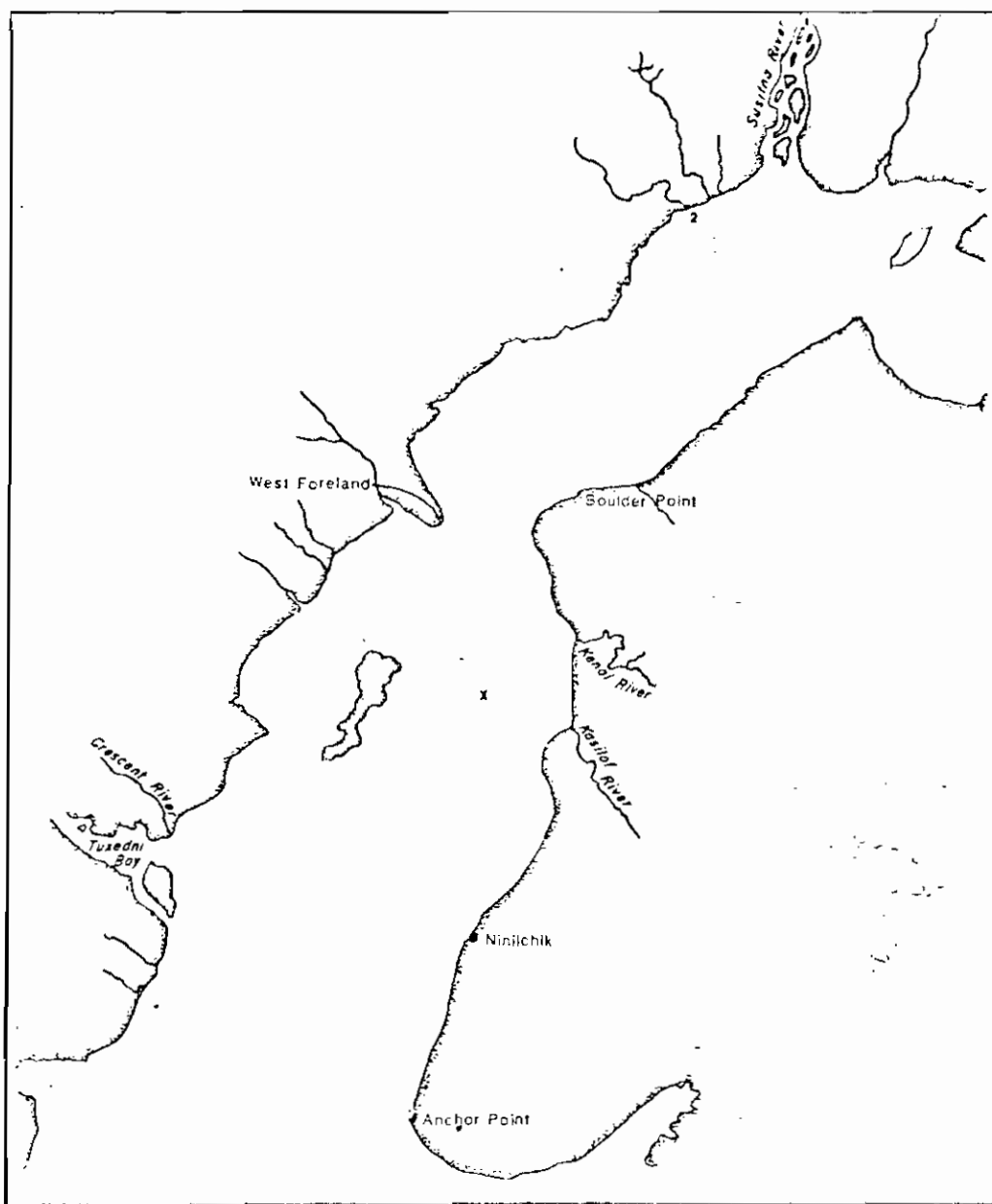


Figure A51. Location (X) of a single purse seine set on 27 July that resulted in the tagging and release of 2 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 27 July 1983.

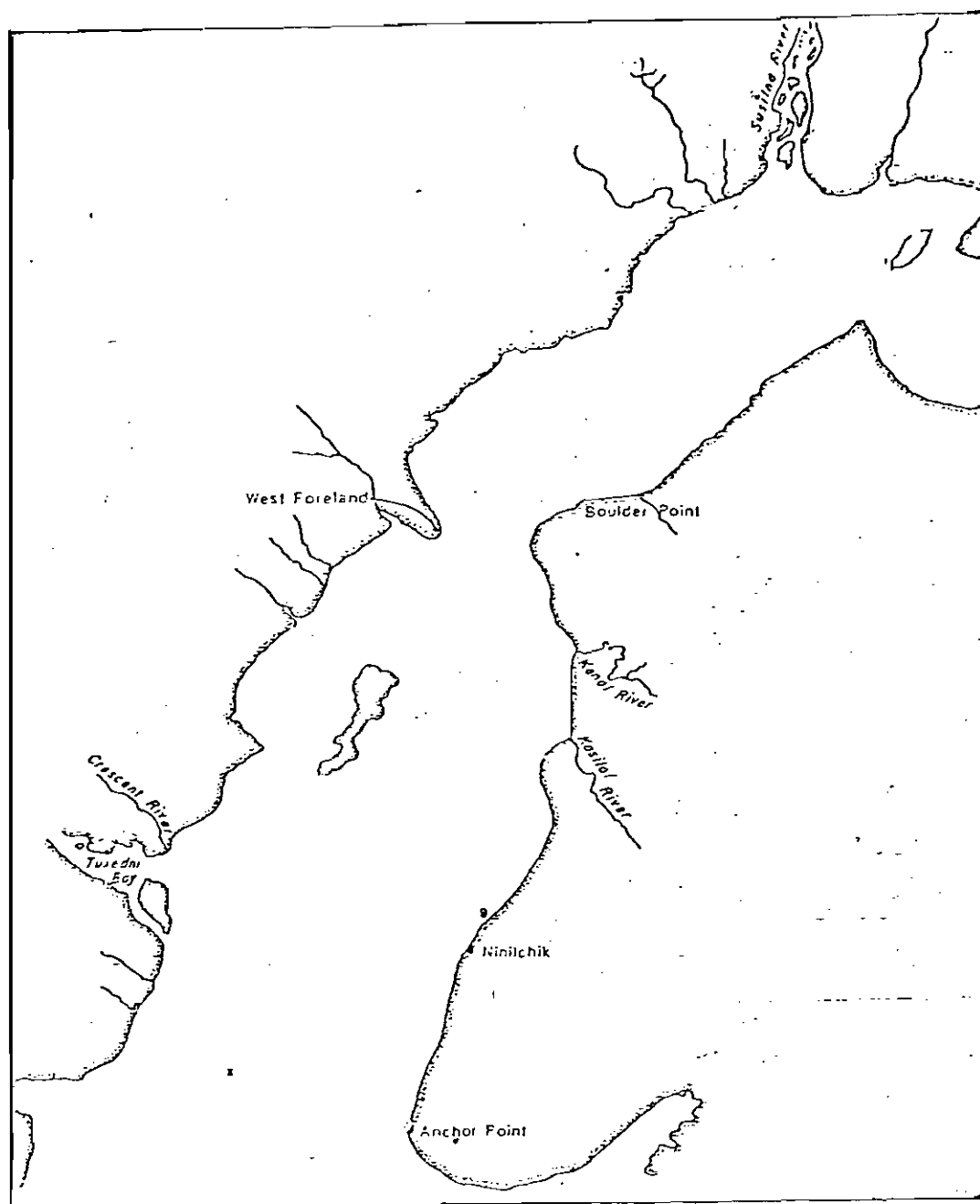


Figure A52. Location (X) of a single purse seine set on 2 July that resulted in the tagging and release of 2 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 2 July 1984.

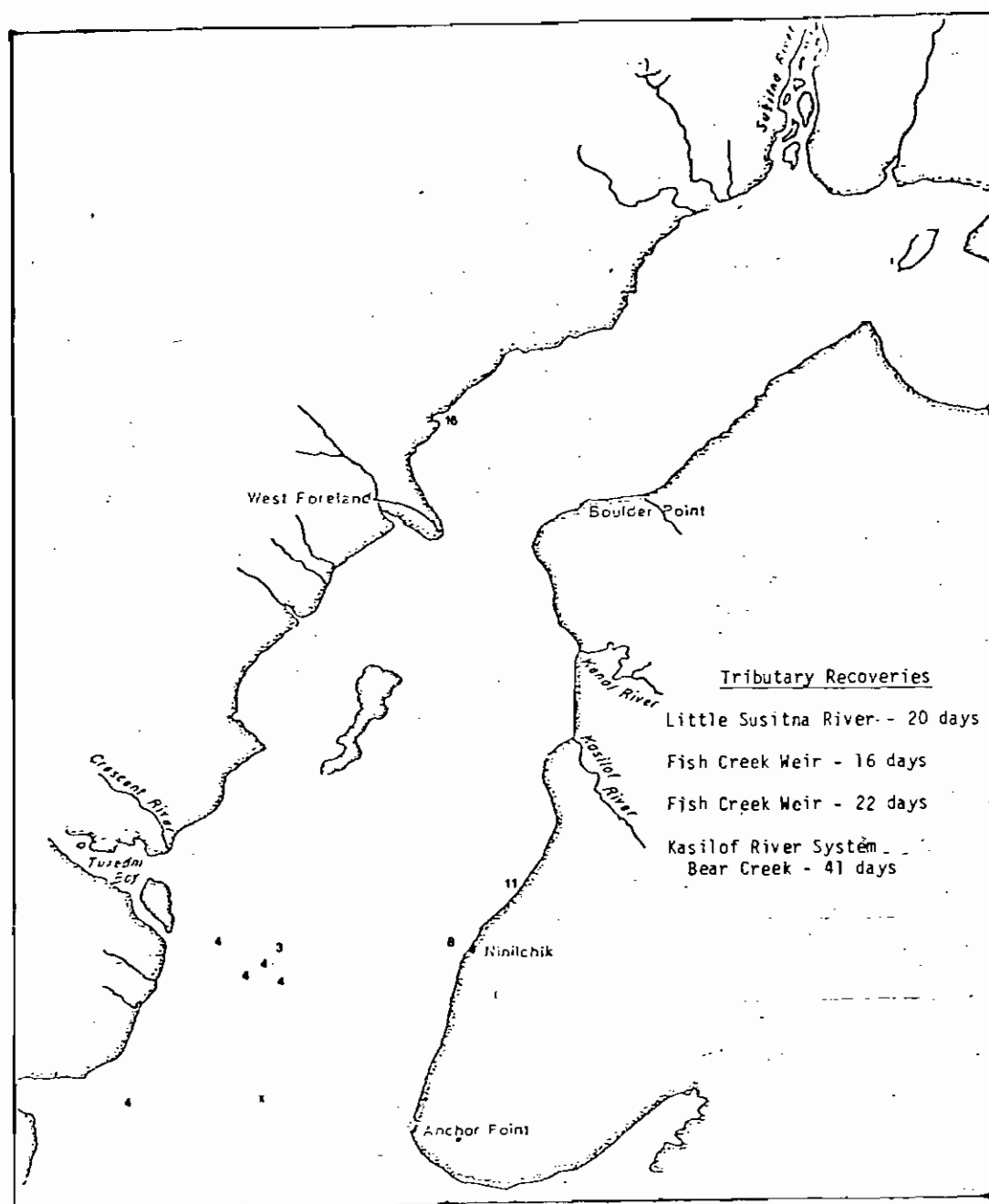


Figure A53. Location (X) of a single purse seine set on 2 July that resulted in the tagging and release of 52 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 2 July 1984.

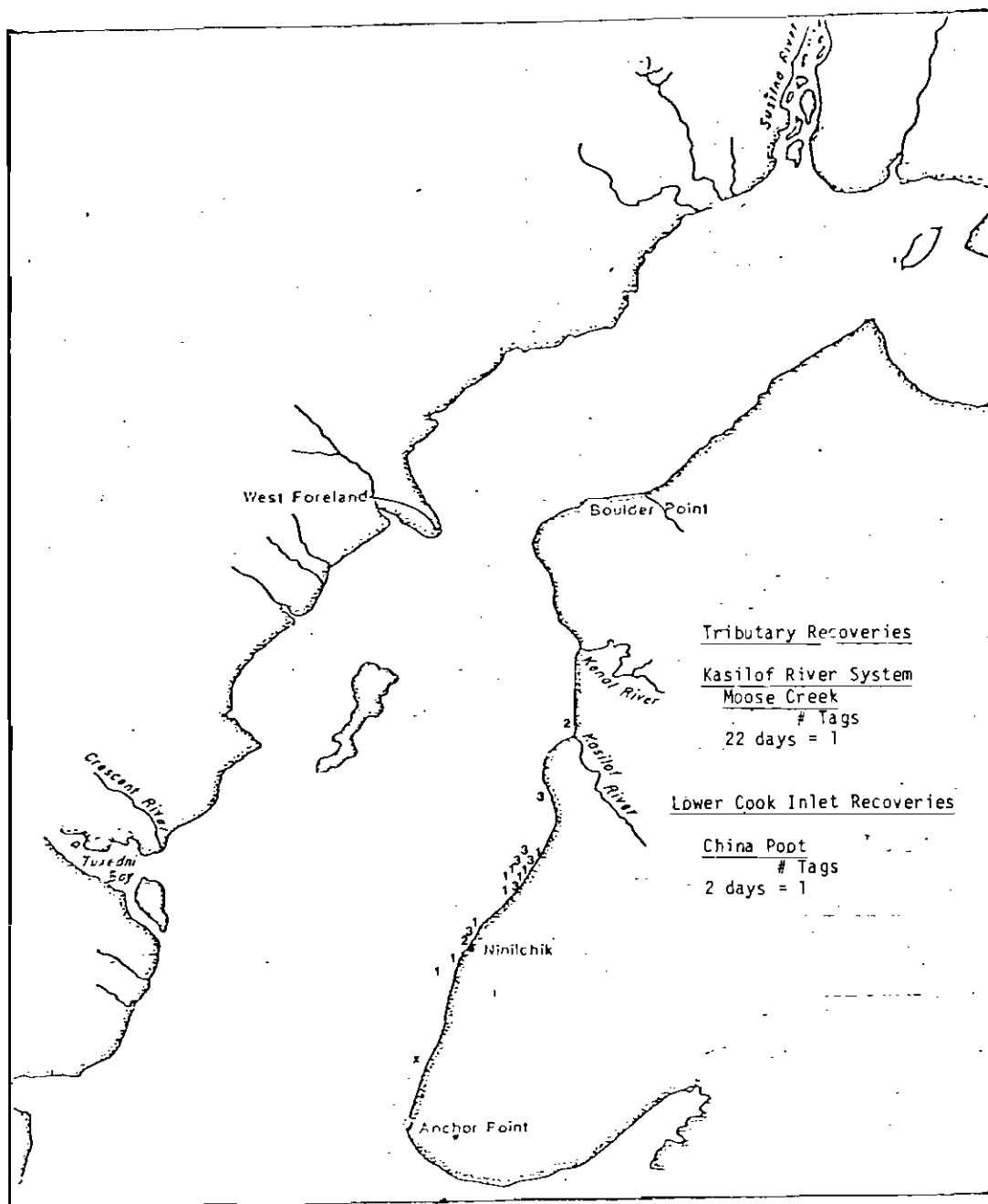


Figure A79. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 37 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1984.

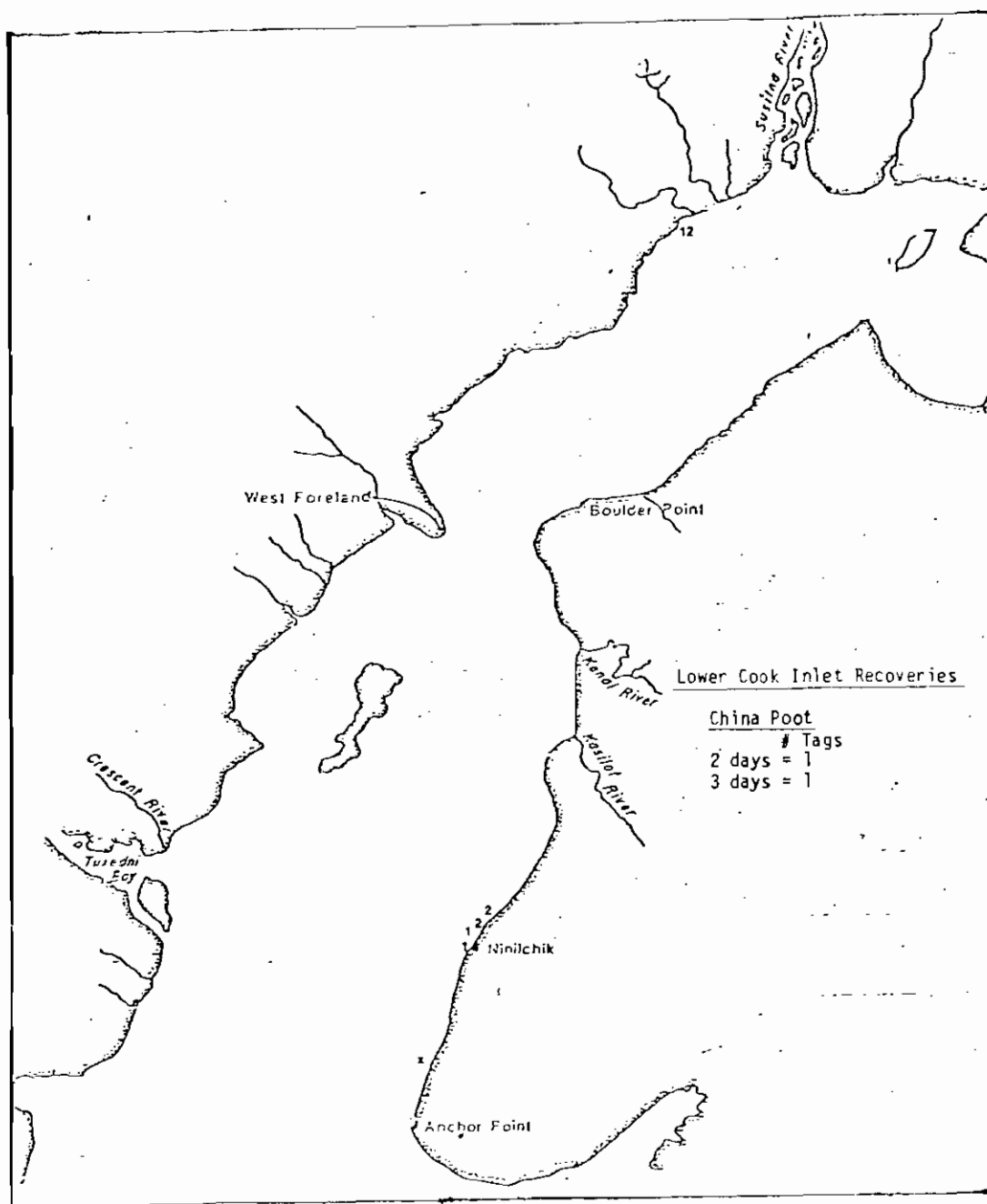


Figure A30. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 18 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1984.

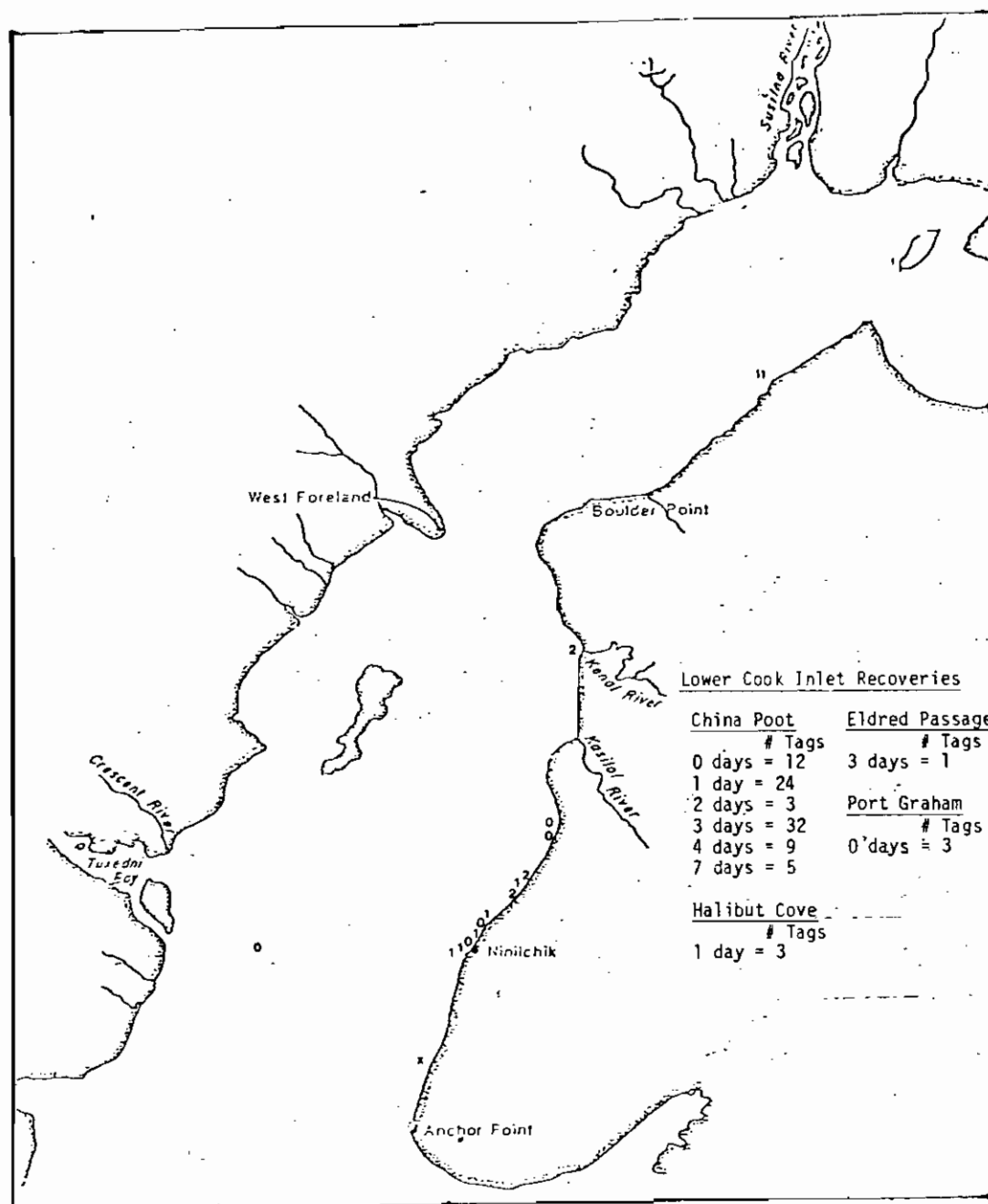


Figure A82. Location (X) of a single purse seine set on 16 July that resulted in the tagging and release of 197 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 16 July 1984.

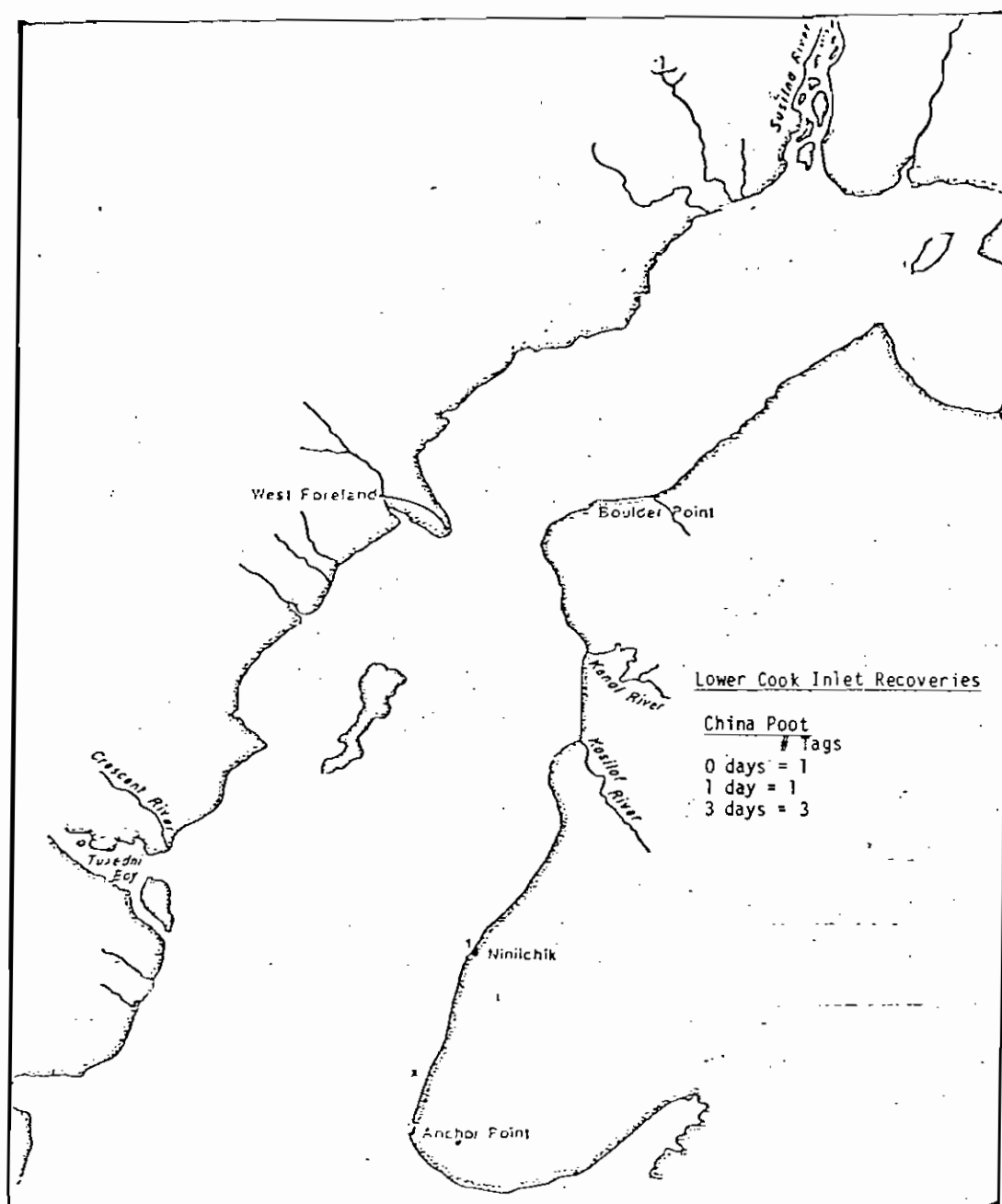


Figure A83. Location (X) of a single purse seine set on 16 July that resulted in the tagging and release of 9 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 16 July 1984.

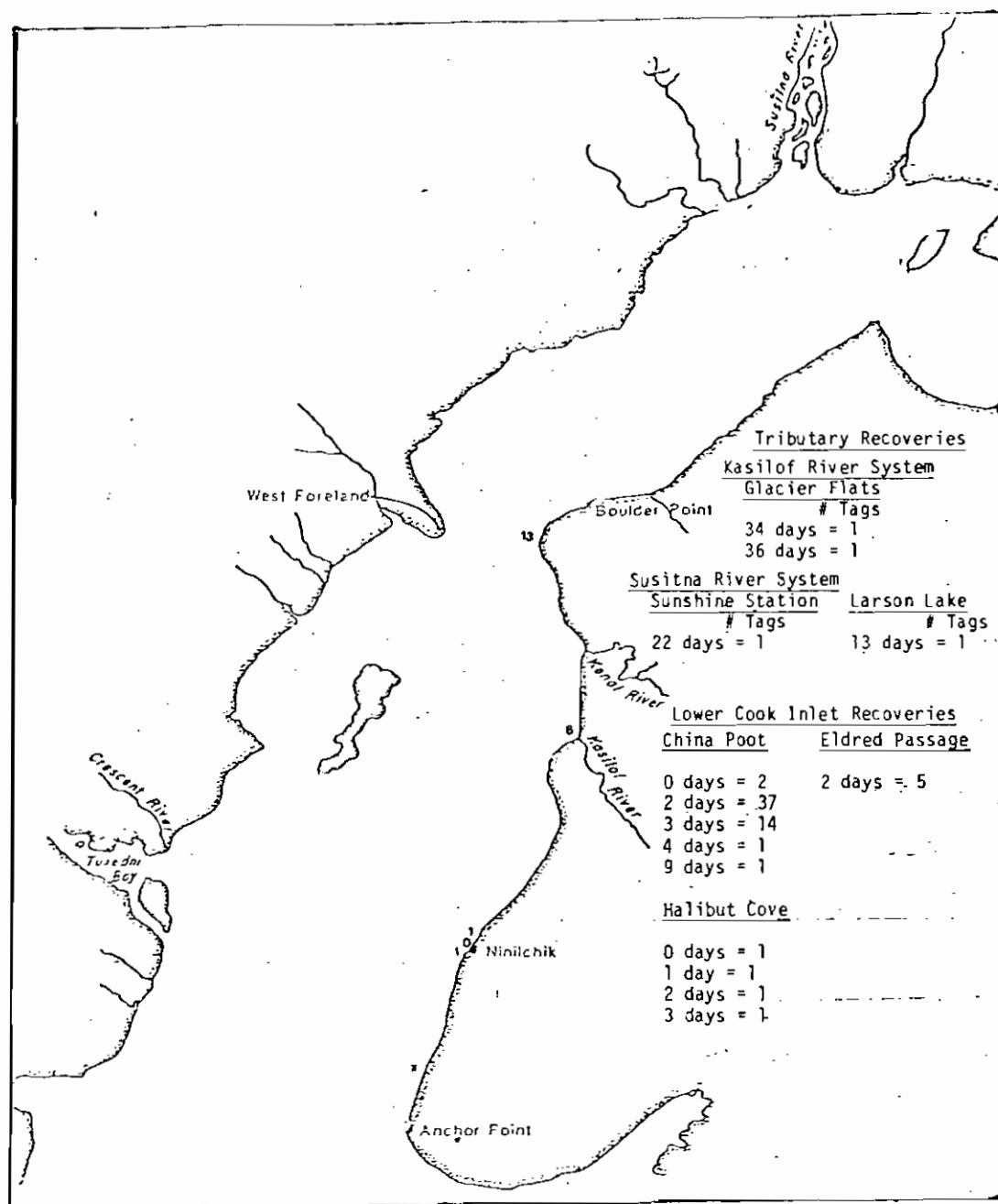


Figure A84. Location (X) of a single purse seine set on 17 July that resulted in the tagging and release of 163 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 17 July 1984.

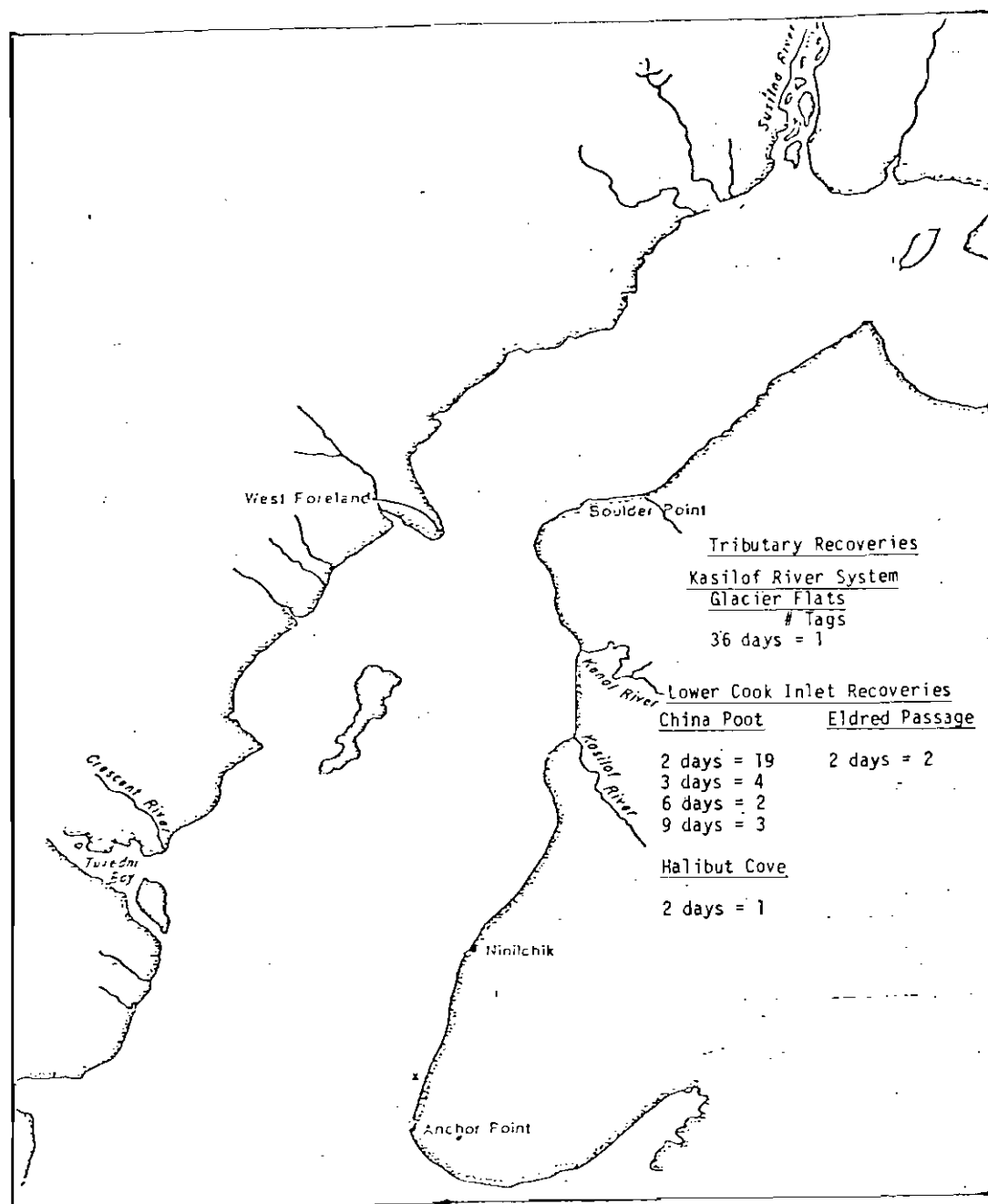


Figure A85. Location (X) of a single purse seine set on 17 July that resulted in the tagging and release of 84 sockeye salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 17 July 1984.

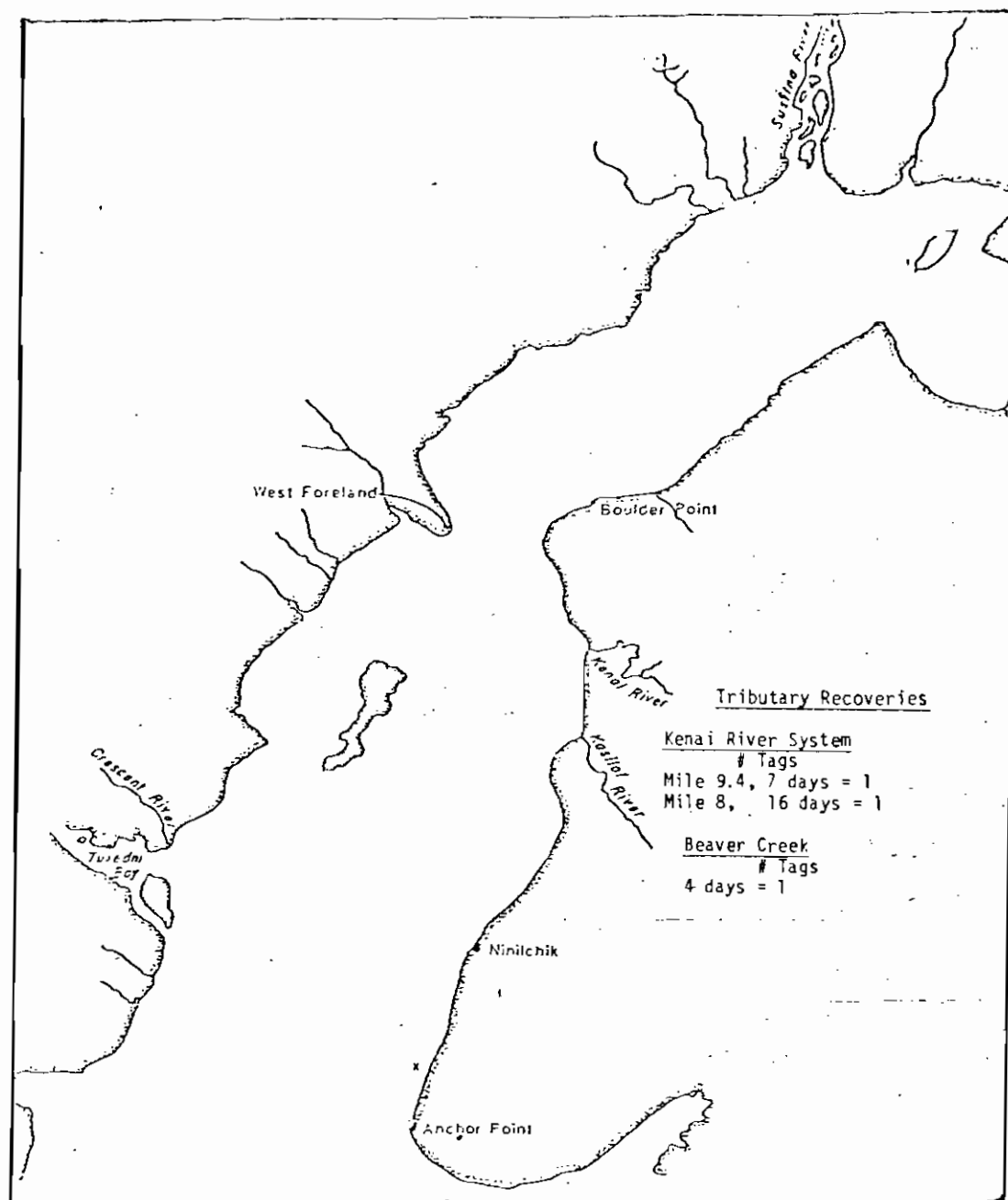


Figure A36. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 14 chinook salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1984.

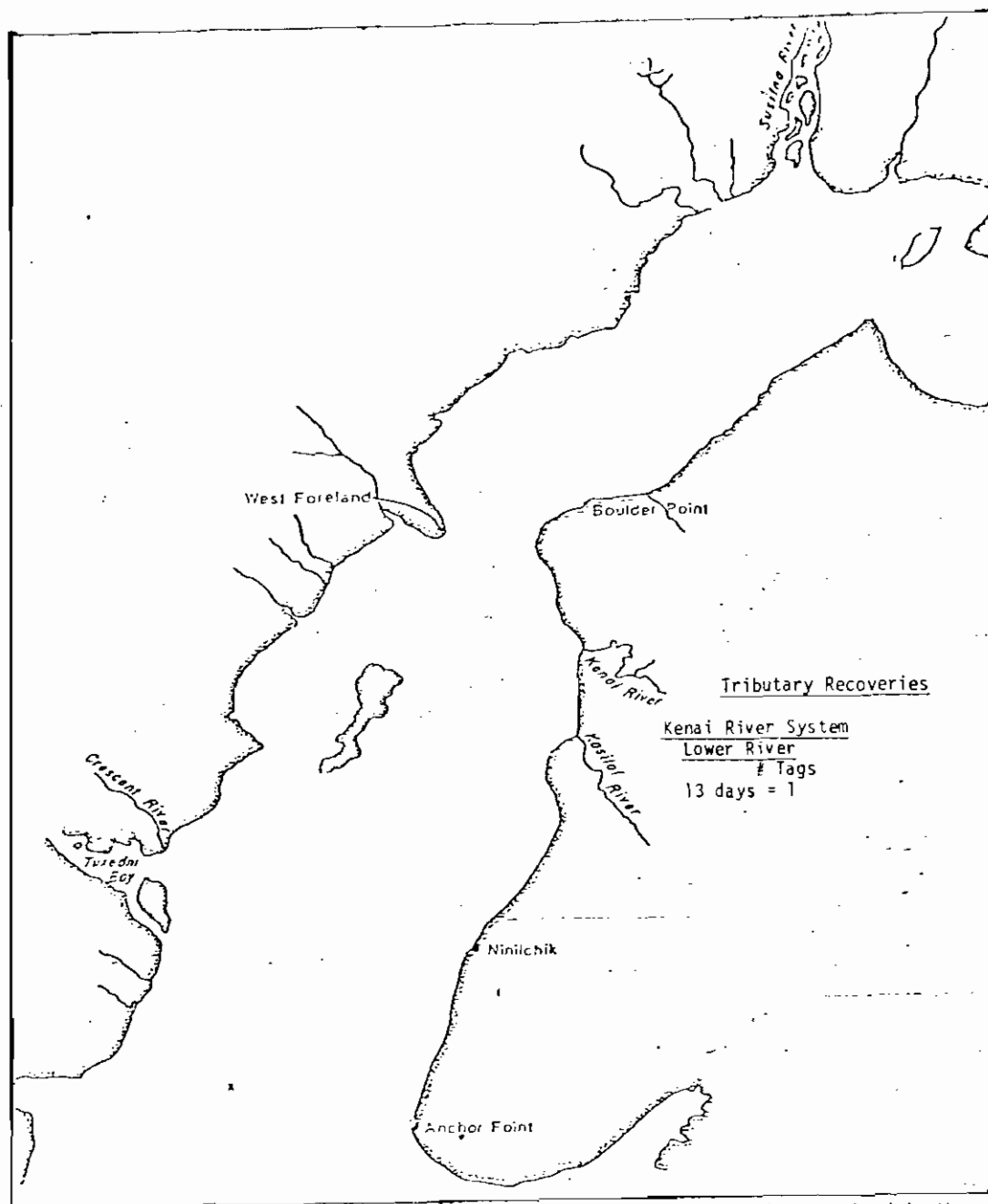


Figure A87. Location (X) of a single purse seineset on 3 July that resulted in the tagging and release of 2 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 3 July 1934.

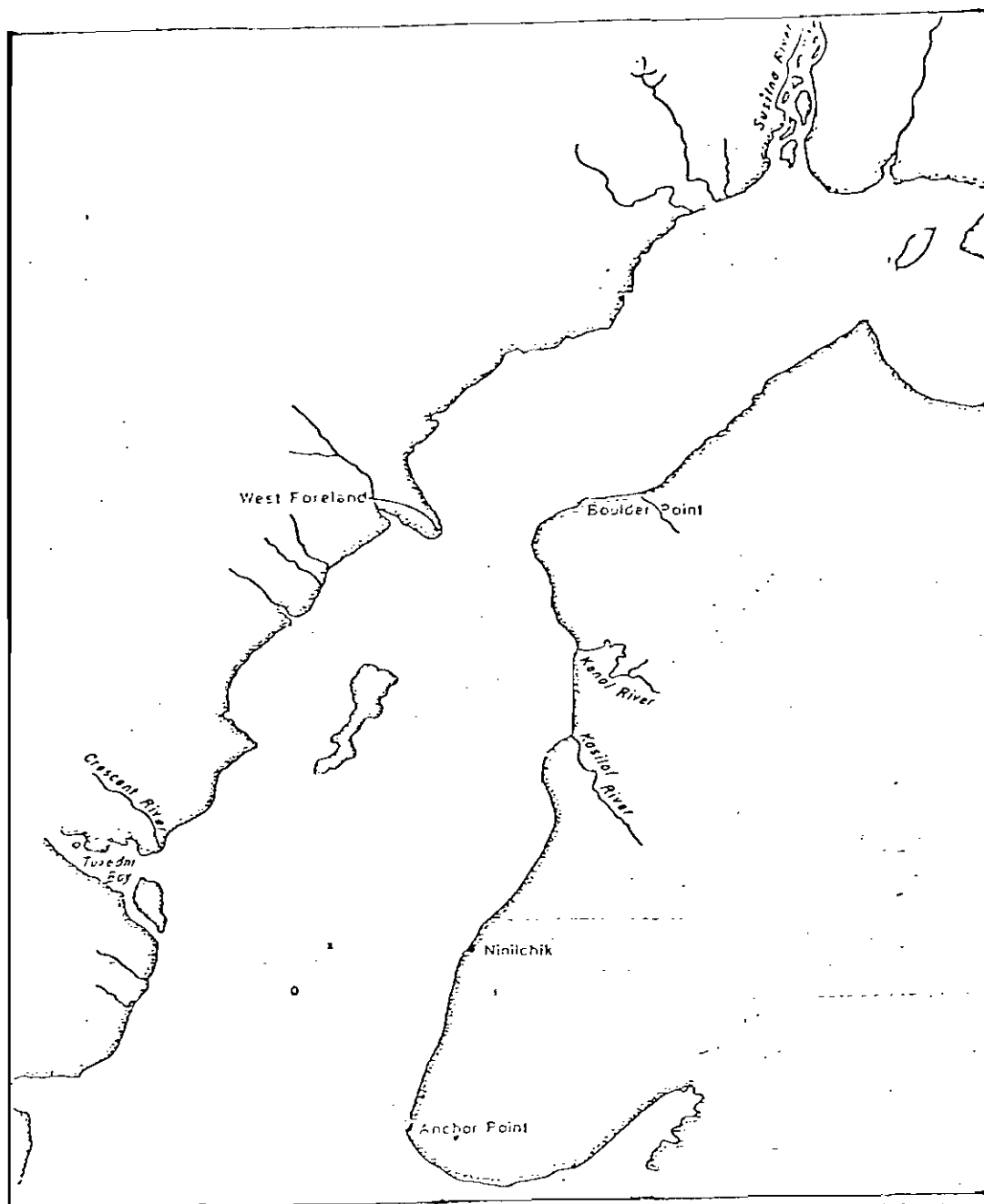


Figure A38. Location (X) of a single purseseine set on 6 July that resulted in the tagging and release of 2 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 6 July 1934.

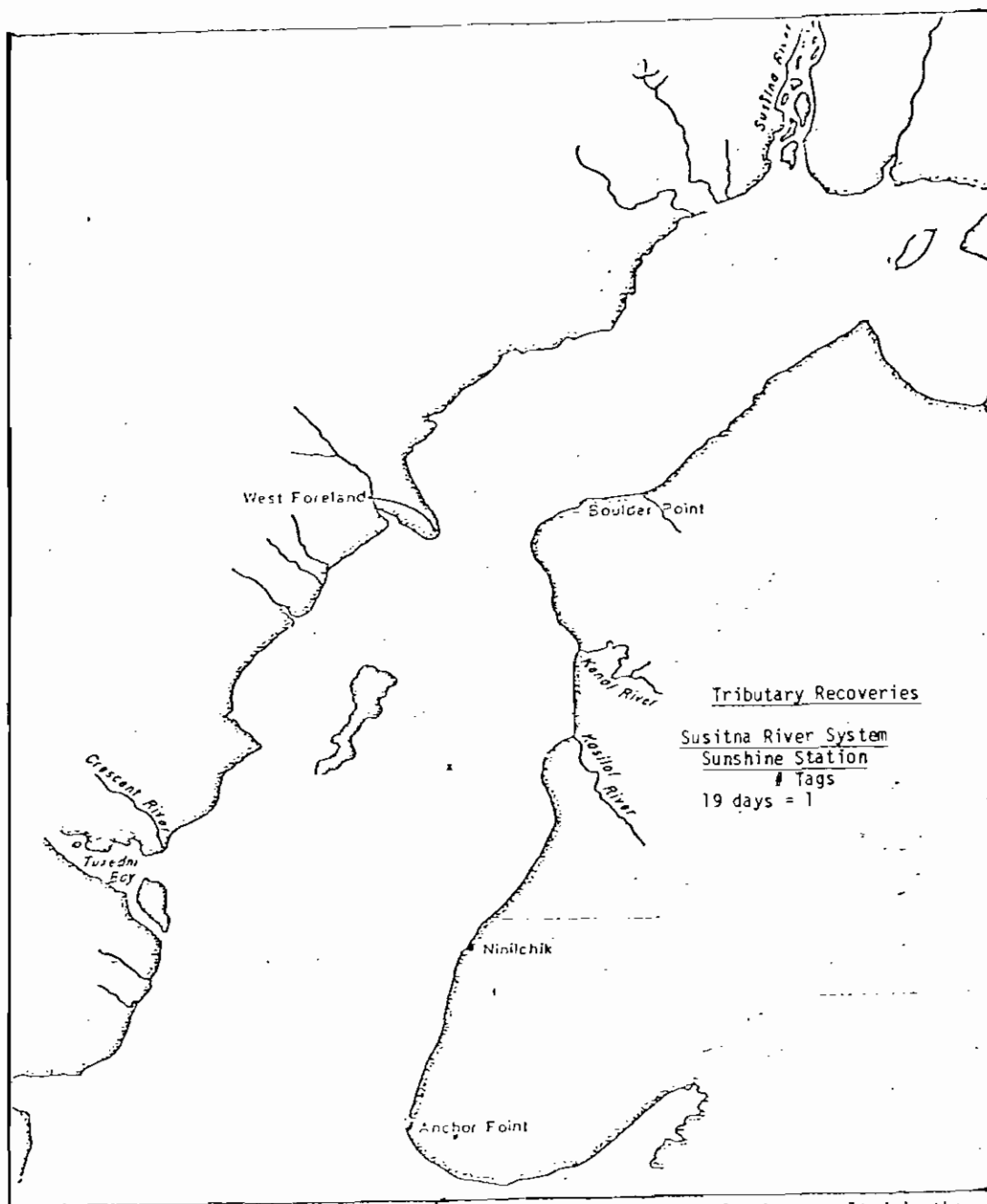


Figure A39. Location (X) of a single purse seineset on 11 July that resulted in the tagging and release of 3 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 11 July 1934.

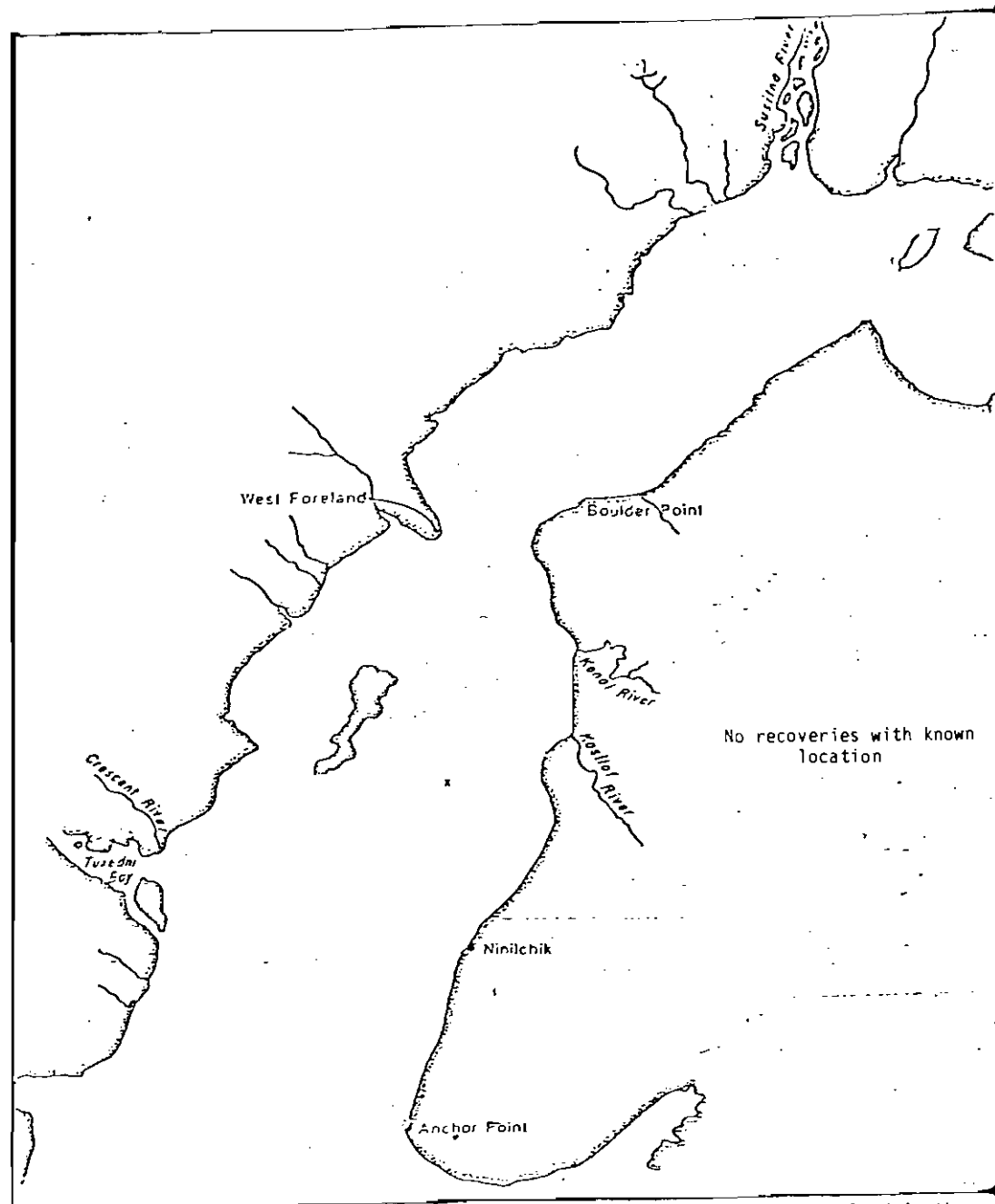


Figure A90. Location (X) of a single purseseine set on 12 July that resulted in the tagging and release of 2 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1984.

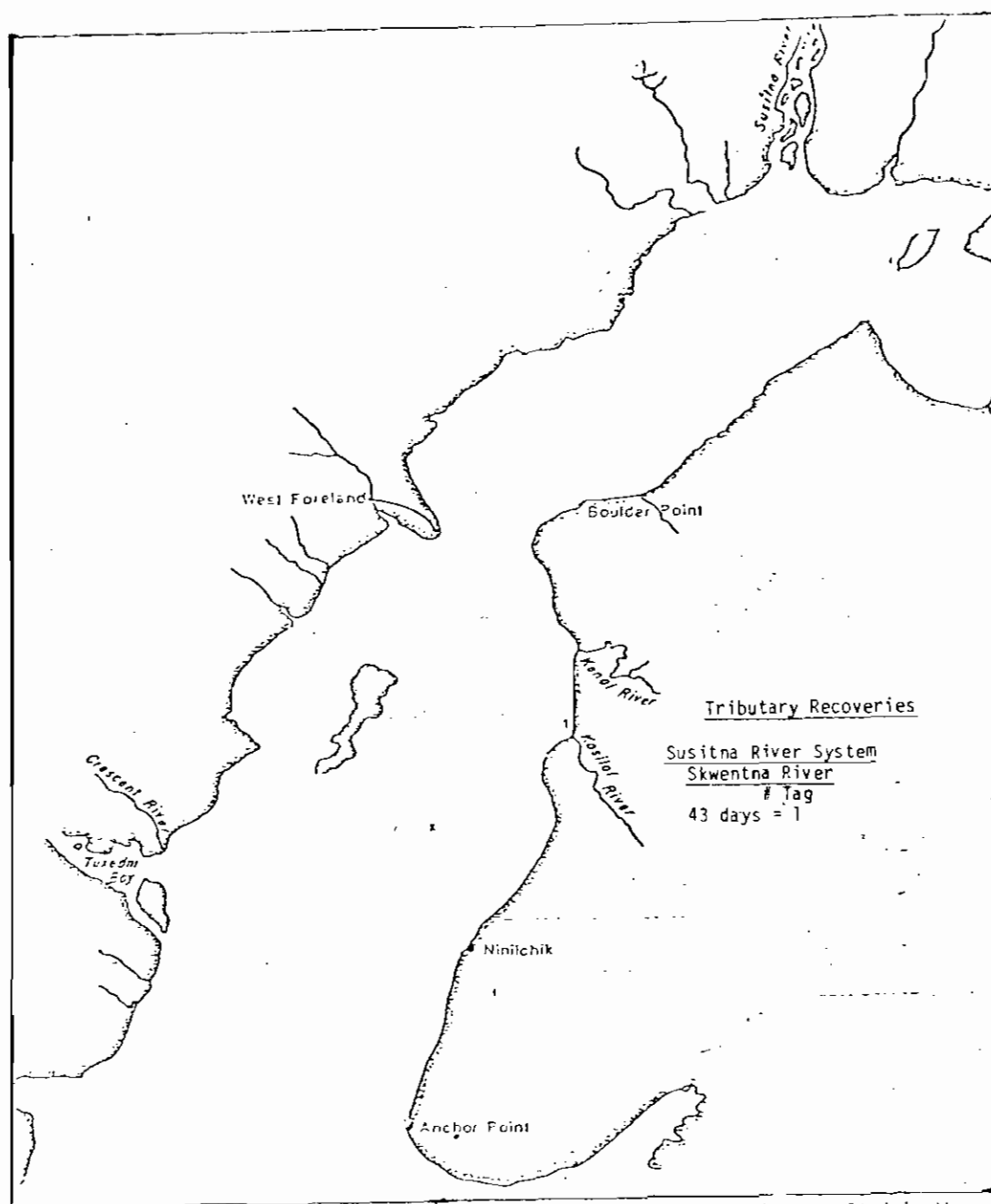


Figure A91. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 26 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1934.

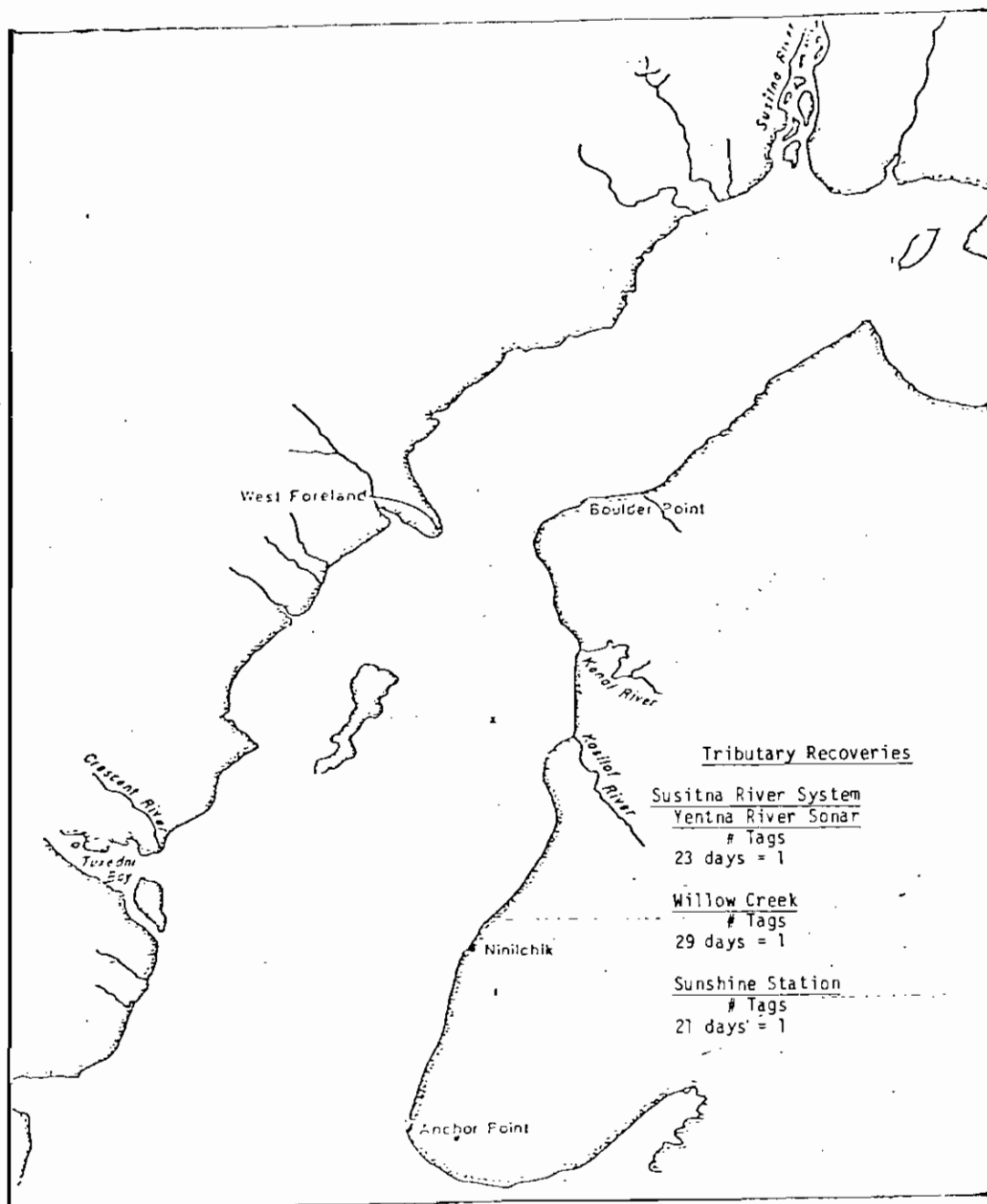


Figure A93. Location (X) of a single purseseine set on 14 July that resulted in the tagging and release of 32 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 14 July 1934.

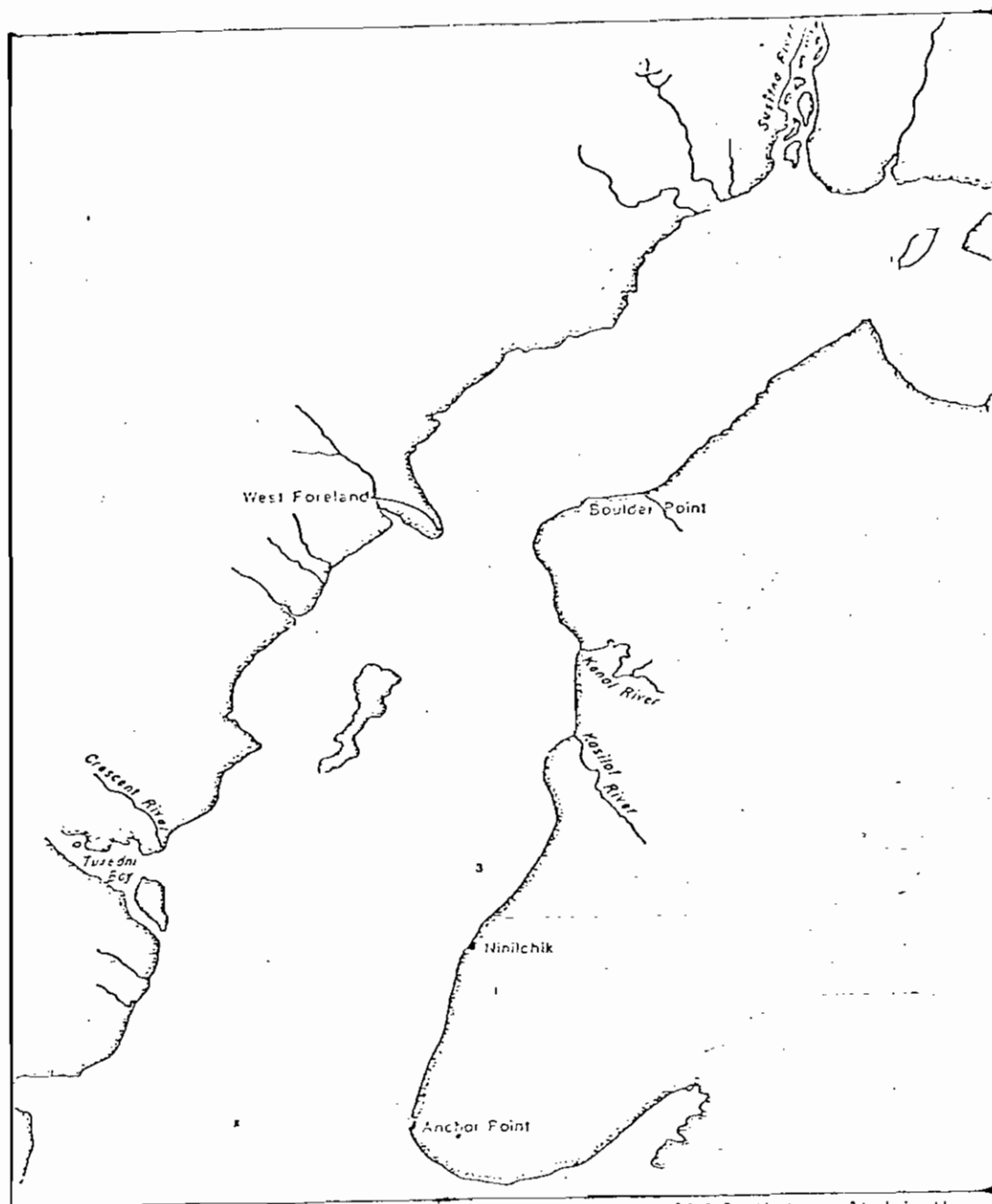


Figure A94. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 1 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1934.

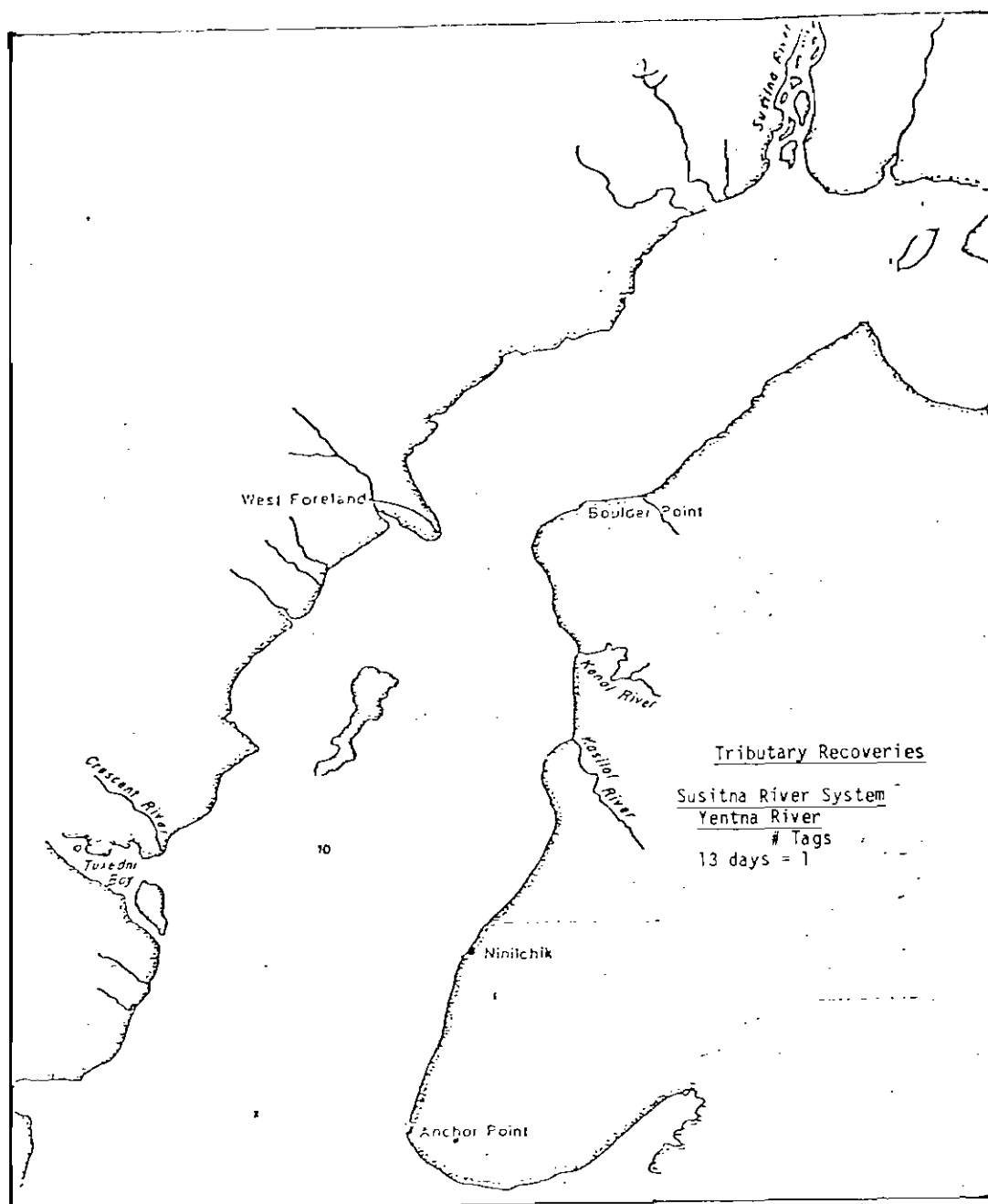


Figure A95. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 5 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1984.

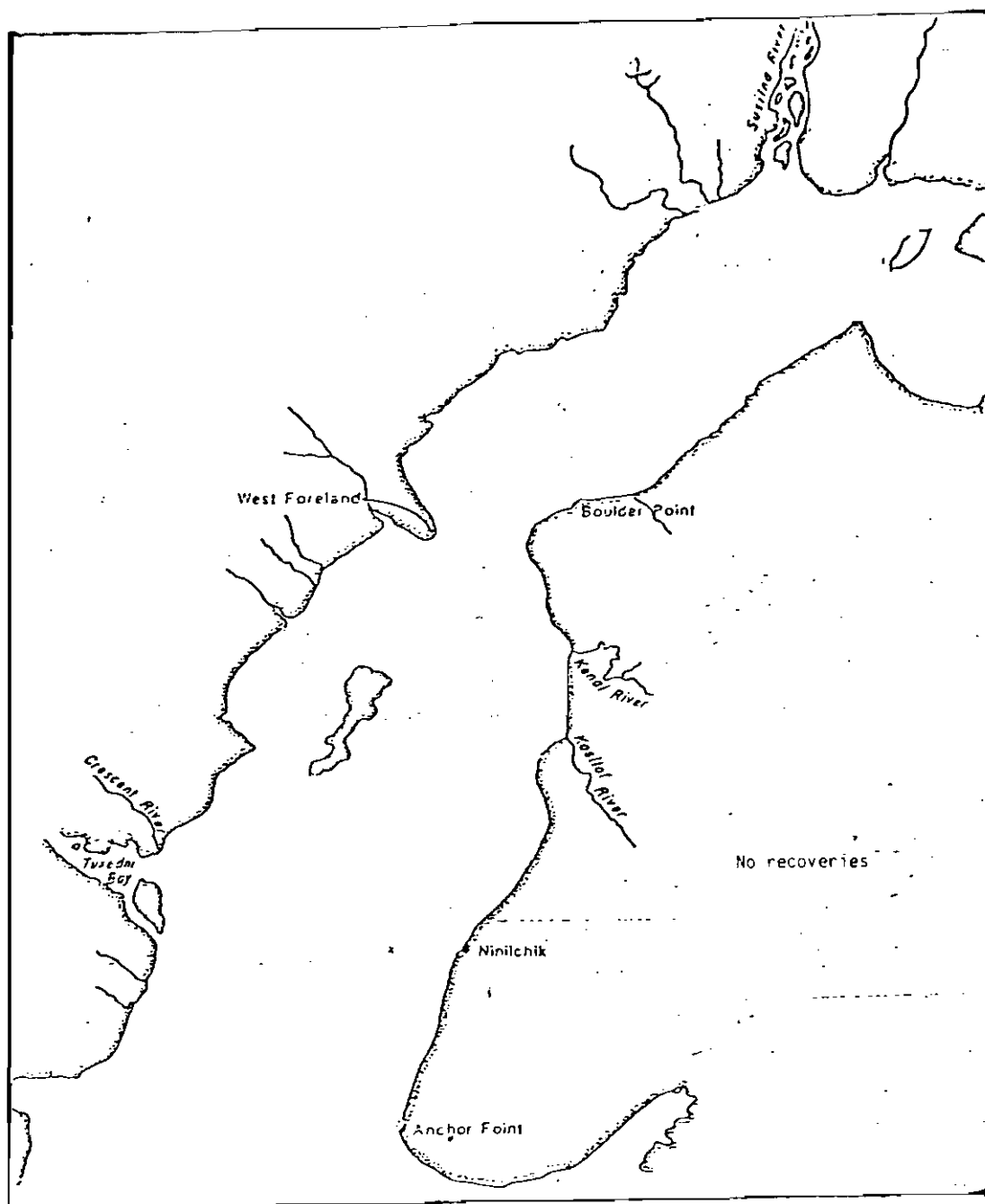


Figure A96. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 1 chum salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1934.

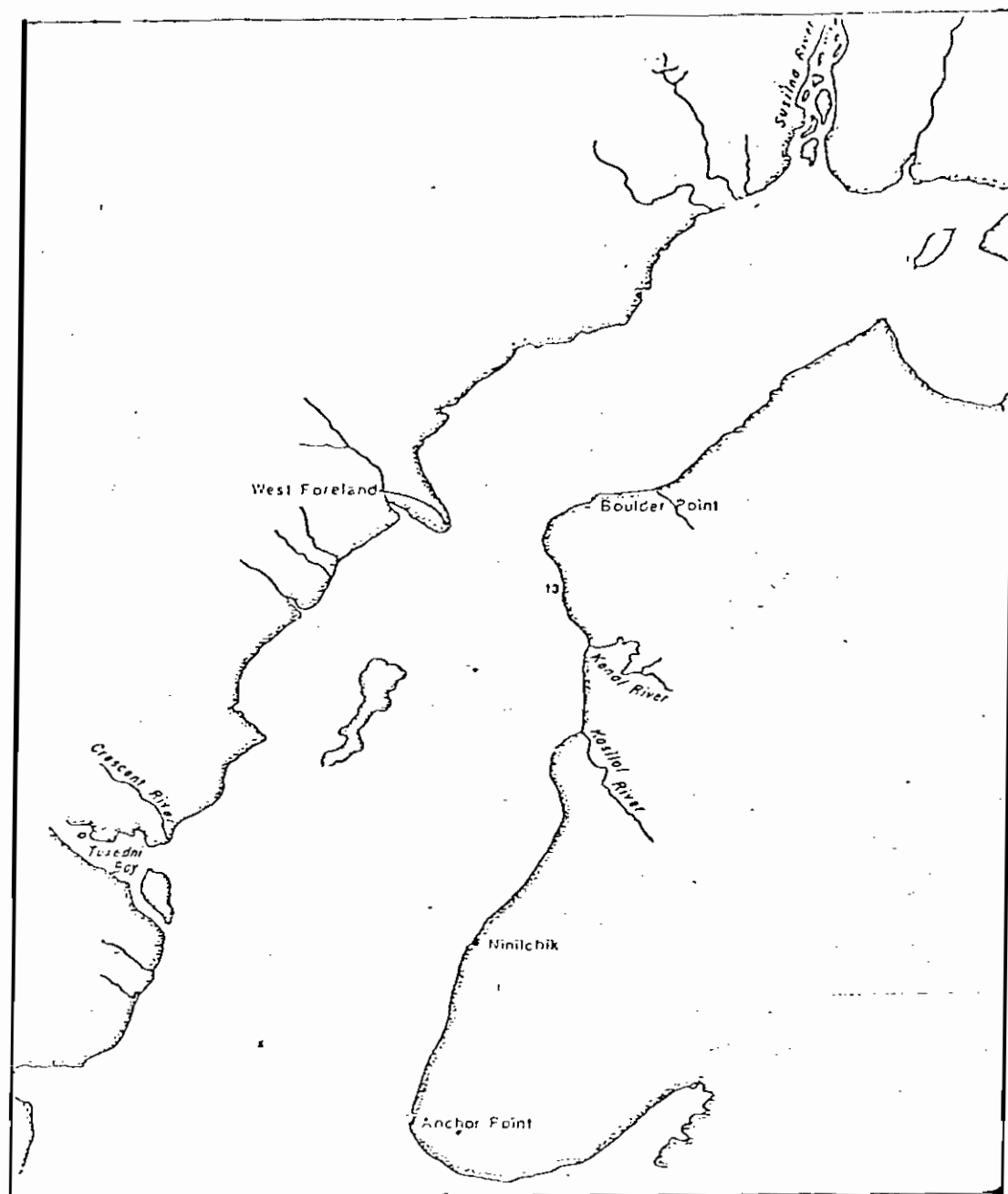


Figure A97. Location (X) of a single purse seine set on 3 July that resulted in the tagging and release of 2 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 3 July 1984.

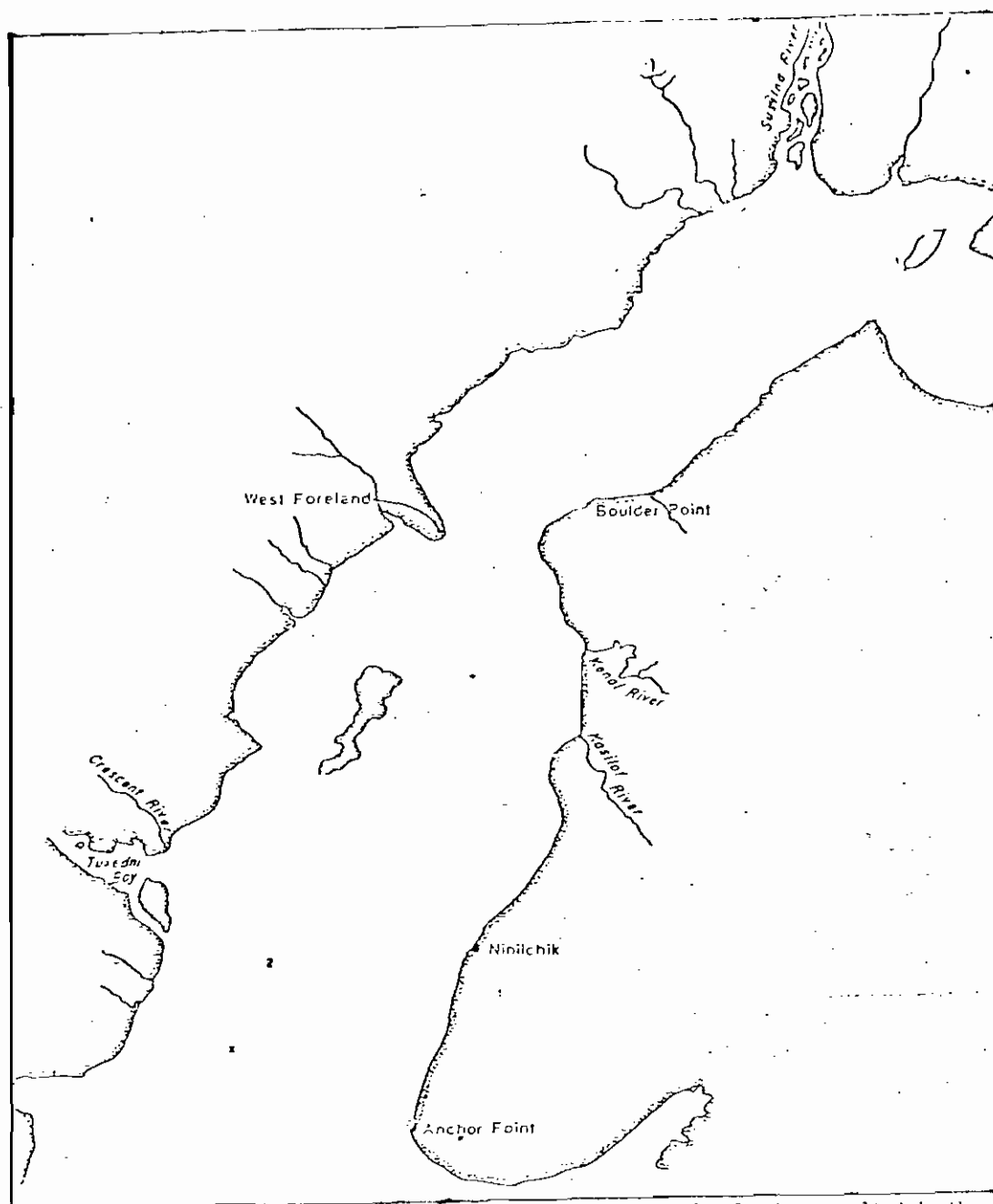


Figure A98. Location (X) of a single purse seine set on 4 July that resulted in the tagging and release of 6 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 4 July 1934.

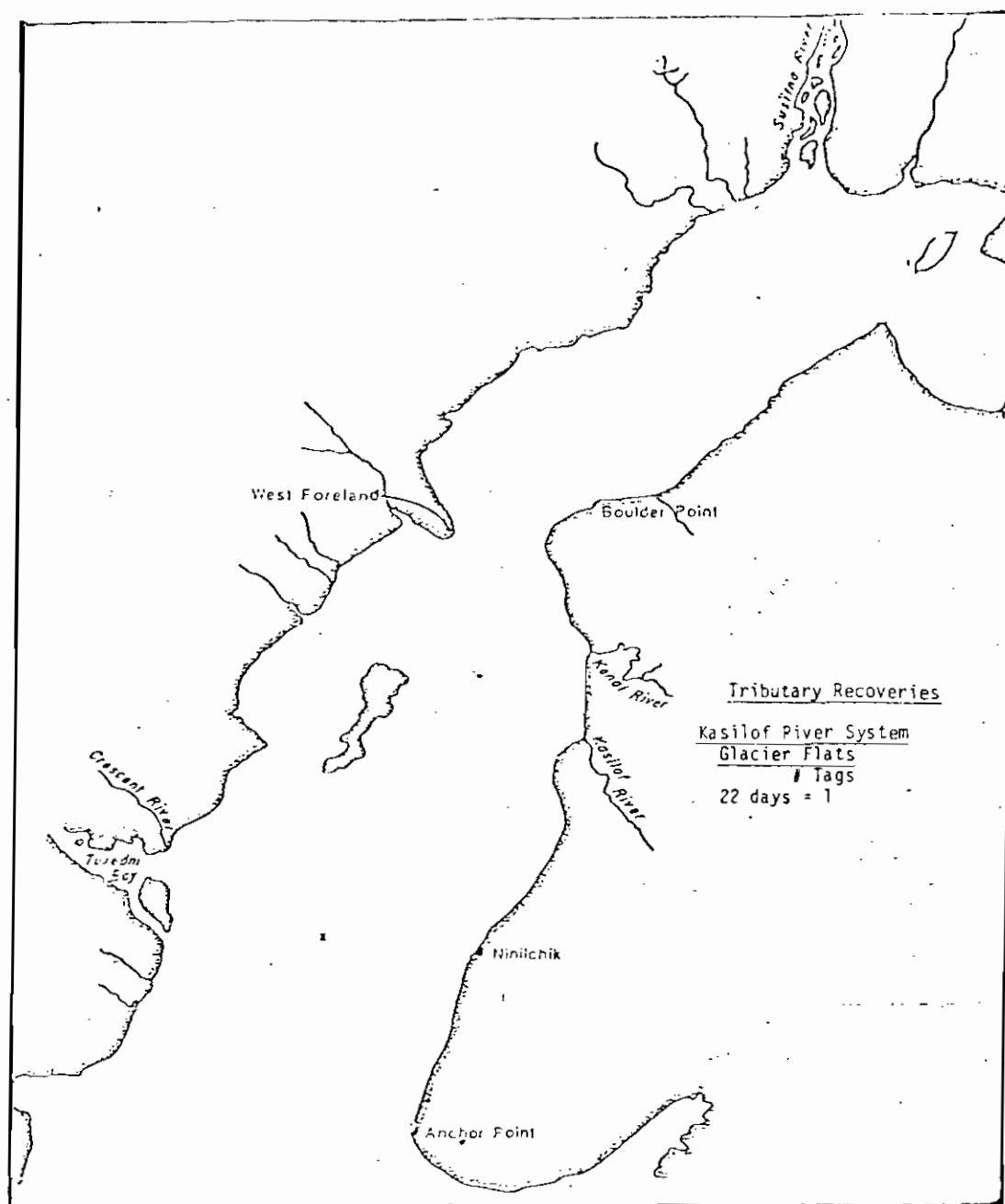


Figure A99. Location (X) of a single purse seine set on 3 July that resulted in the tagging and release of 3 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 3 July 1934.

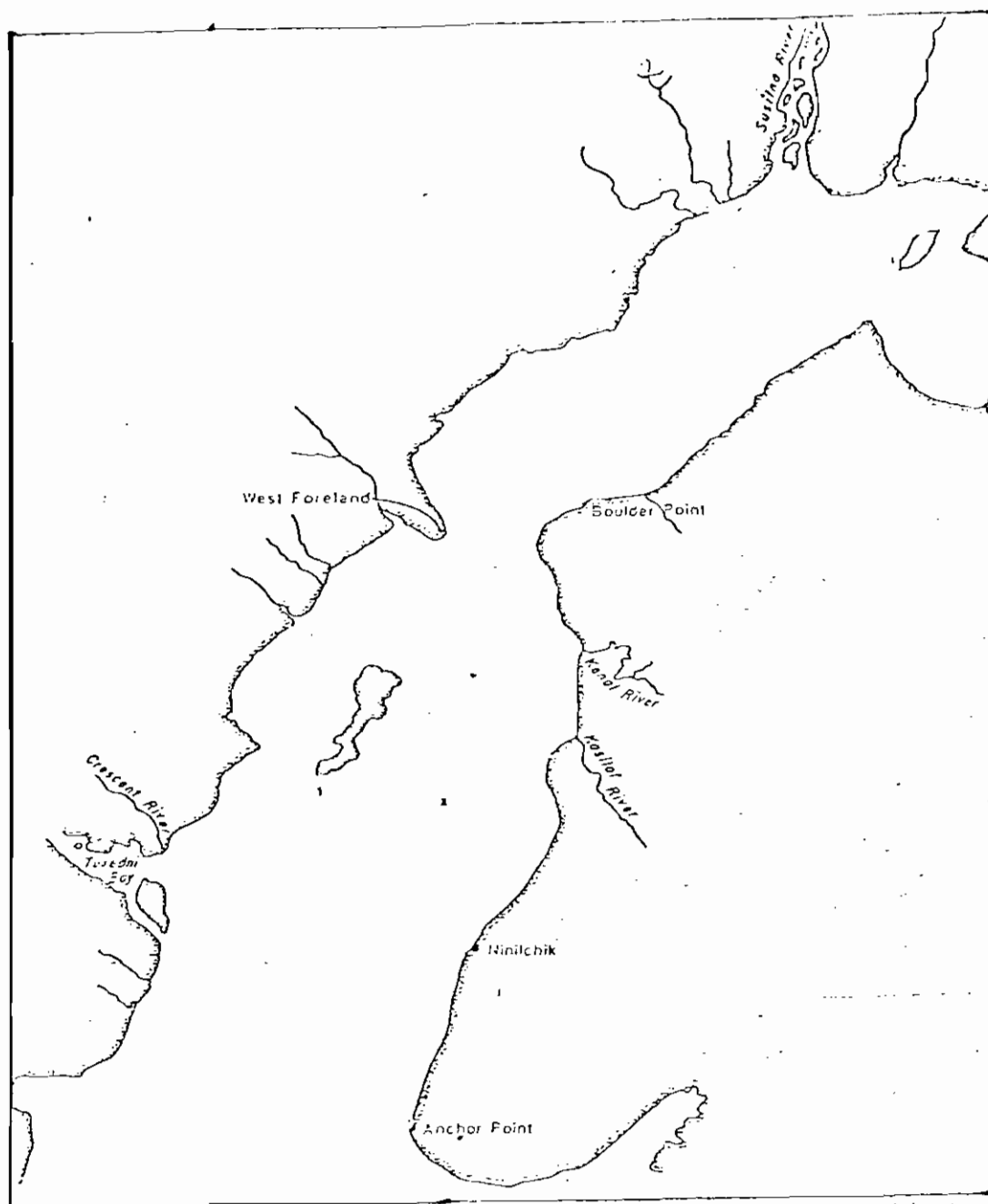


Figure A100. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 3 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1934.

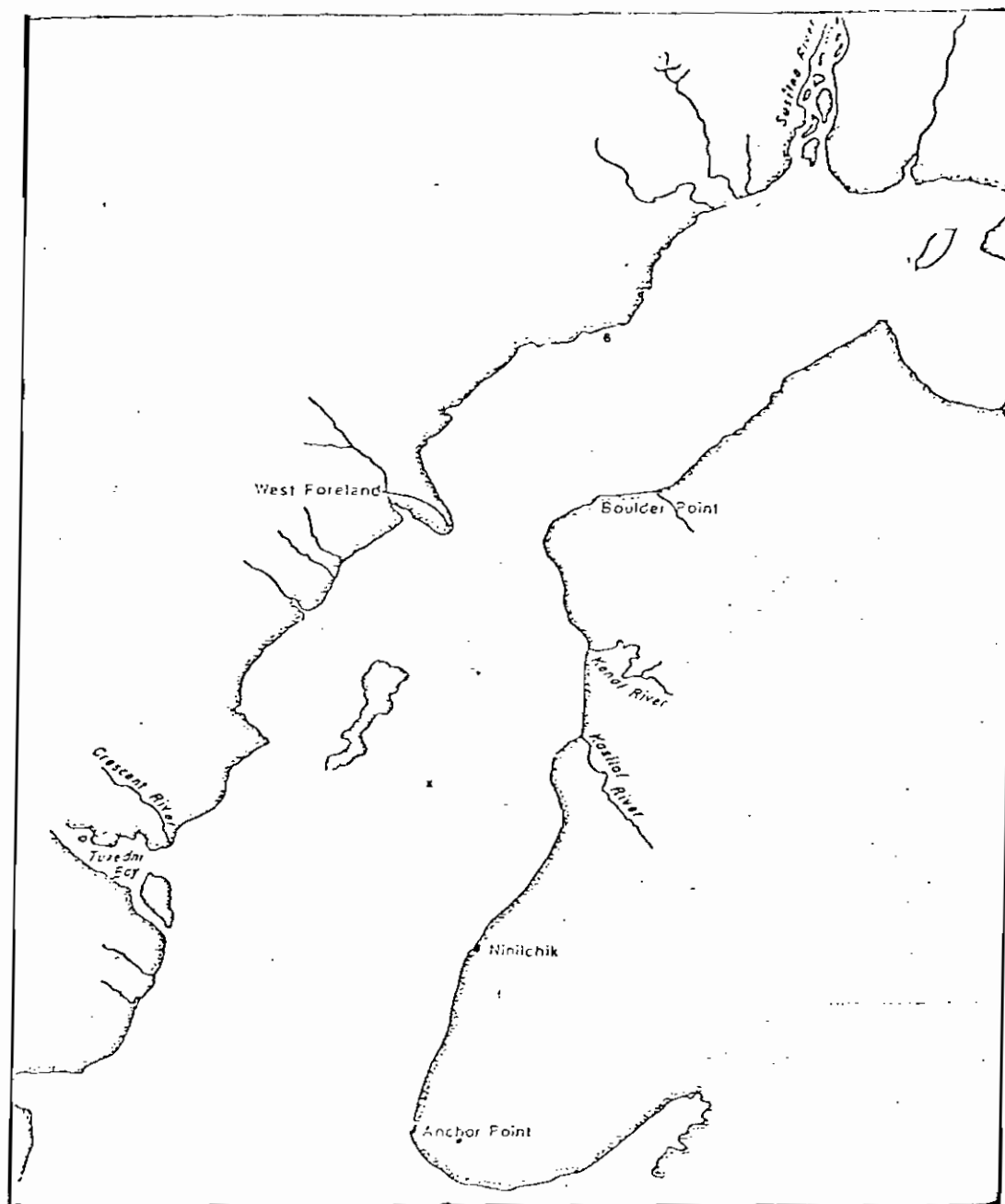


Figure A101. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 2 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1934.

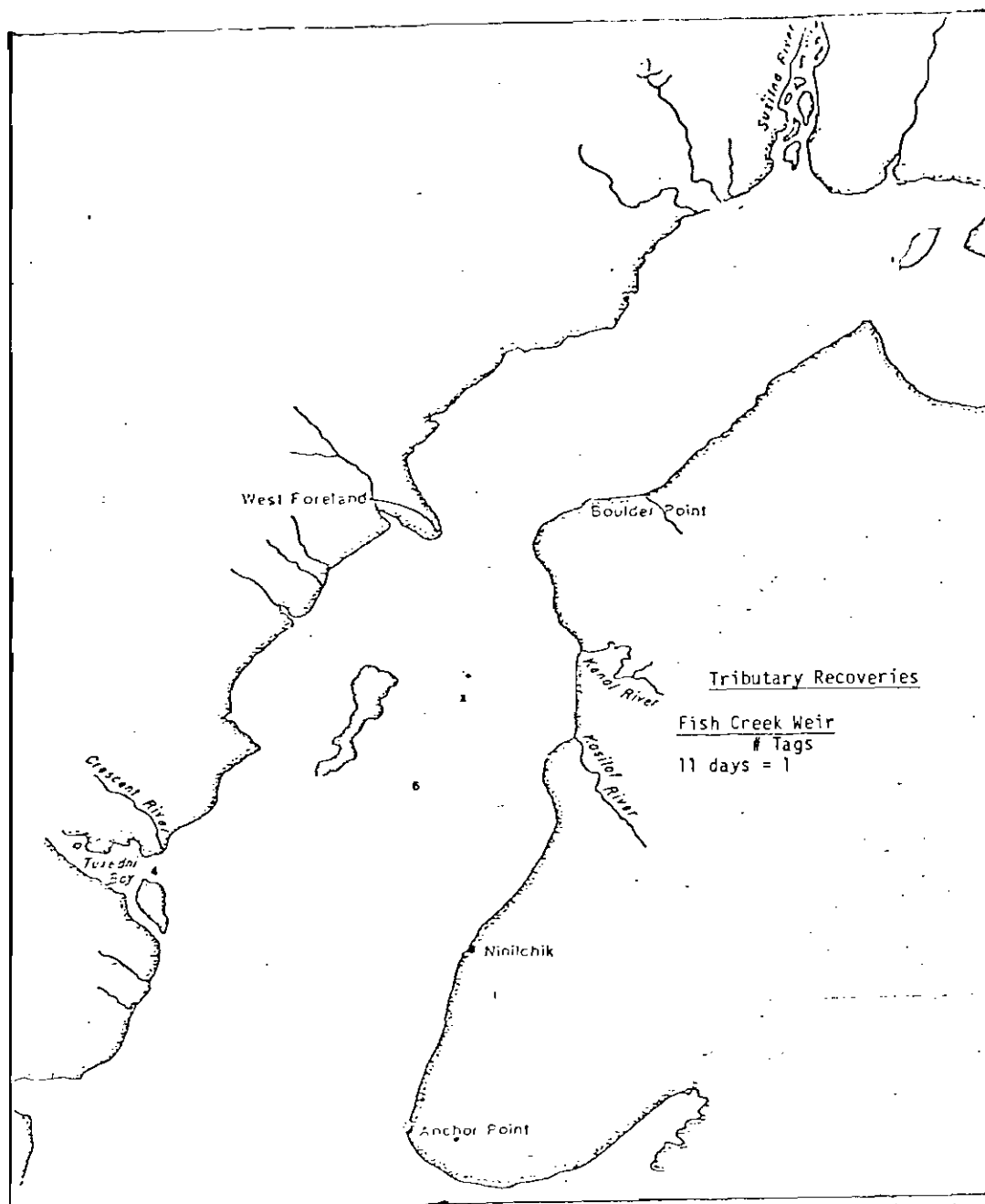


Figure A102. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 54 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1934.

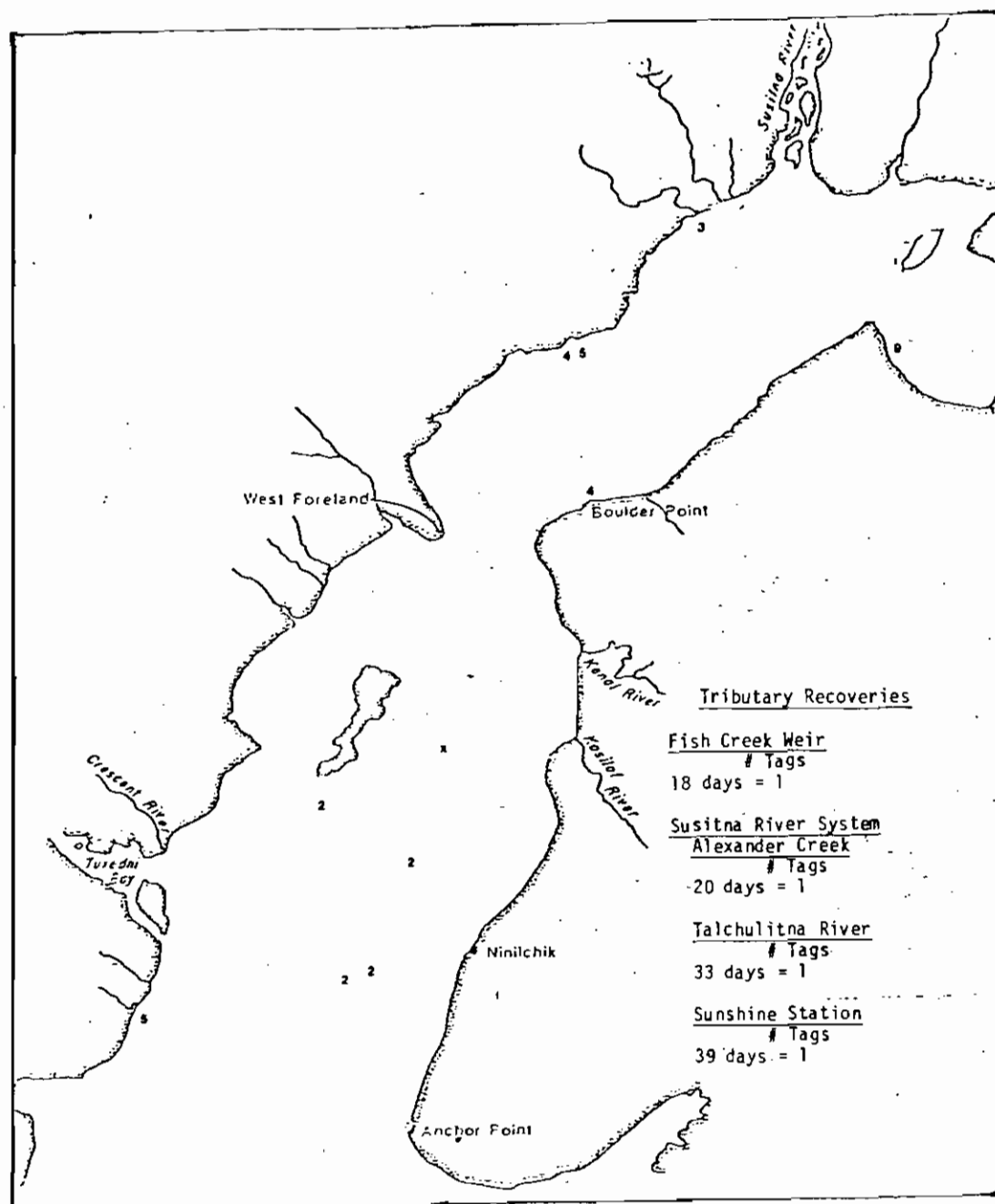
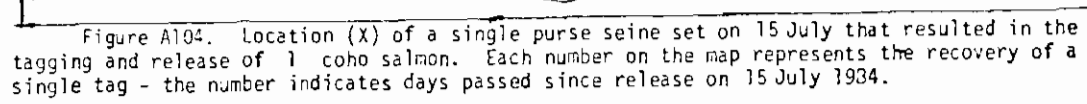


Figure A103. Location (X) of a single purse seine set on 14 July that resulted in the tagging and release of 61 coho salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 14 July 1934.



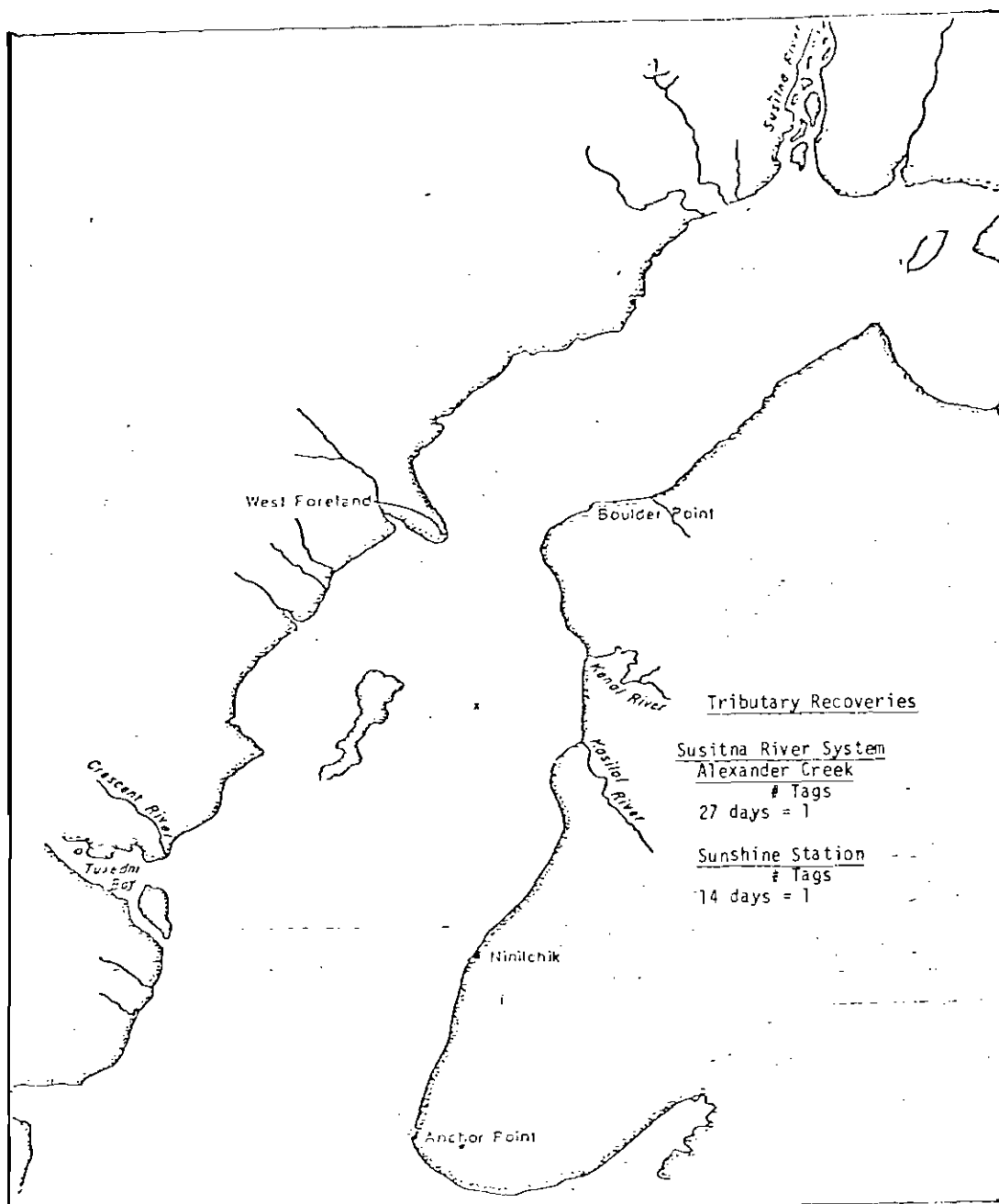


Figure A105. Location (X) of a single purse seine set on 12 July that resulted in the tagging and release of 16 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 12 July 1934.

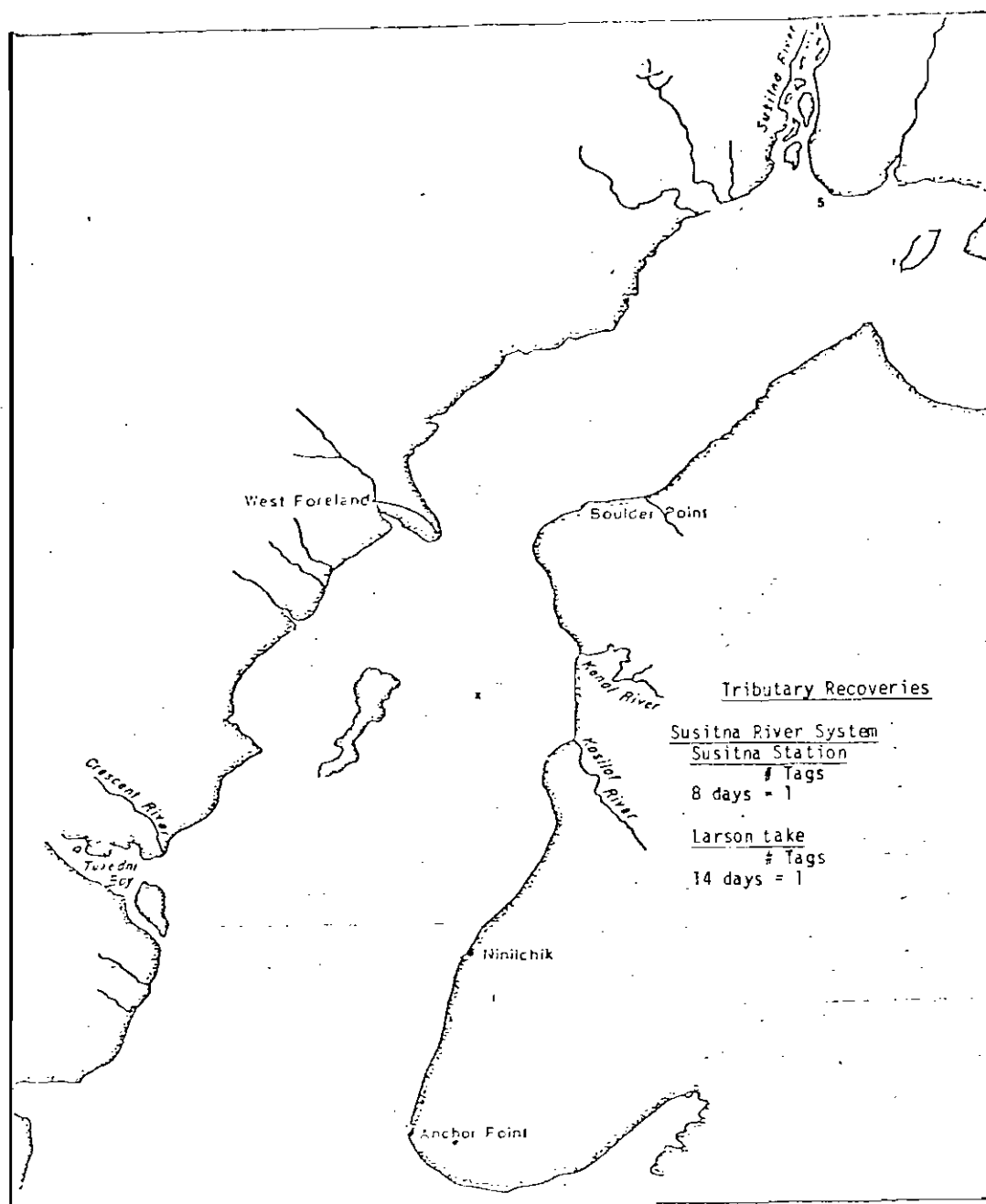


Figure A106. Location (X) of a single purse seine set on 14 July that resulted in the tagging and release of 32 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 14 July 1934.

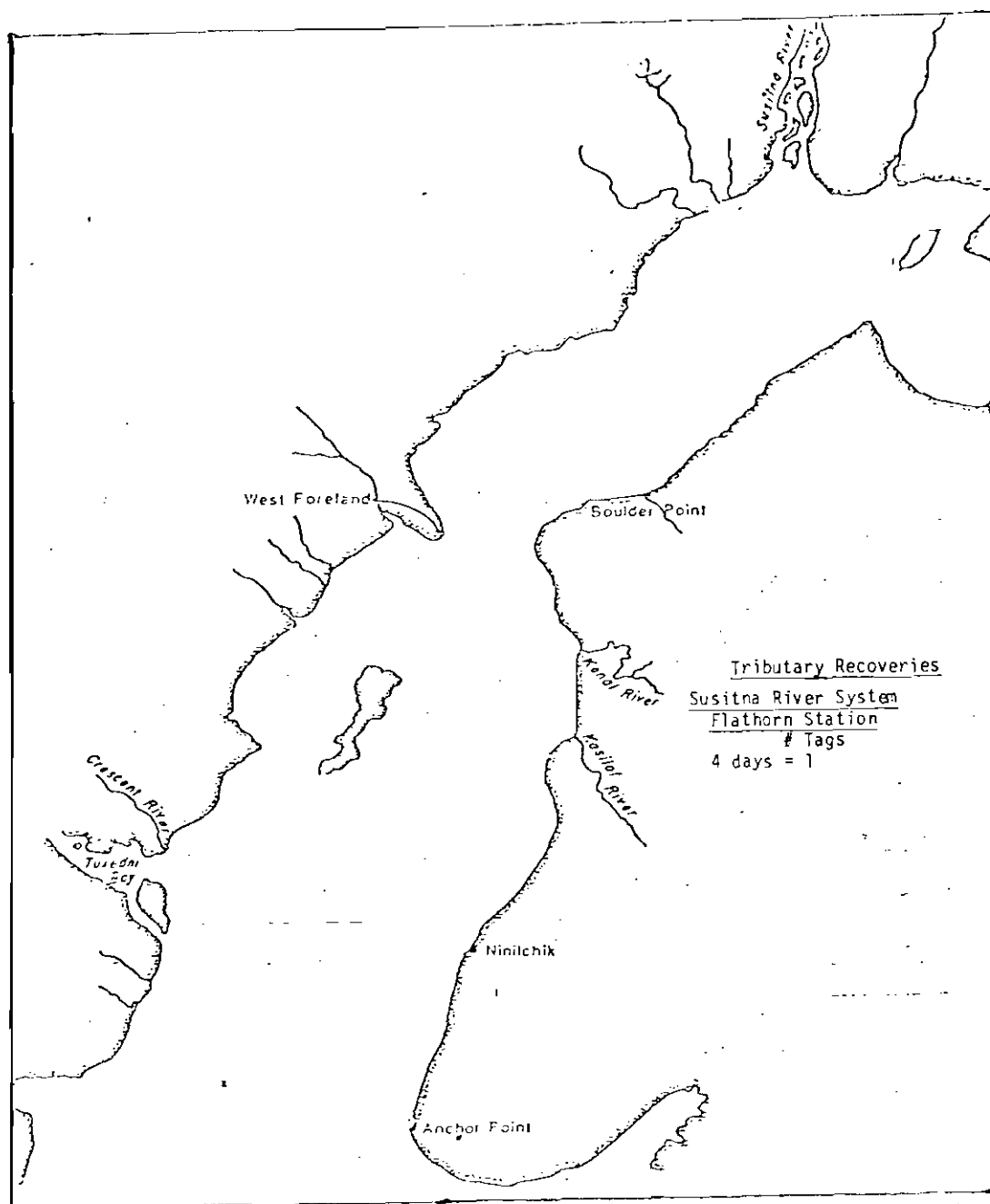


Figure A107. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 19 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1934.

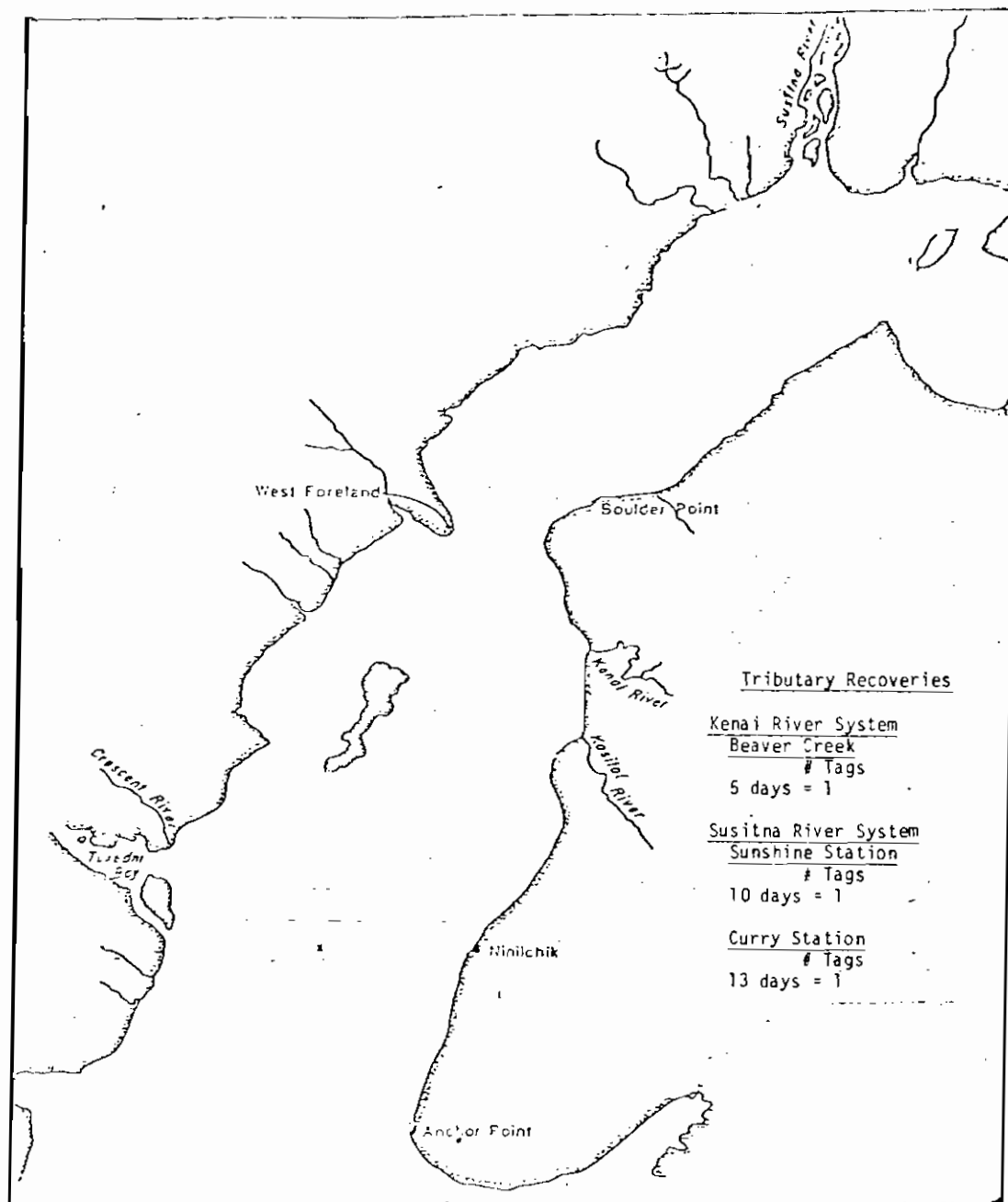


Figure A103. Location (X) of a single purse seine set on 24 July that resulted in the tagging and release of 29 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 24 July 1934.

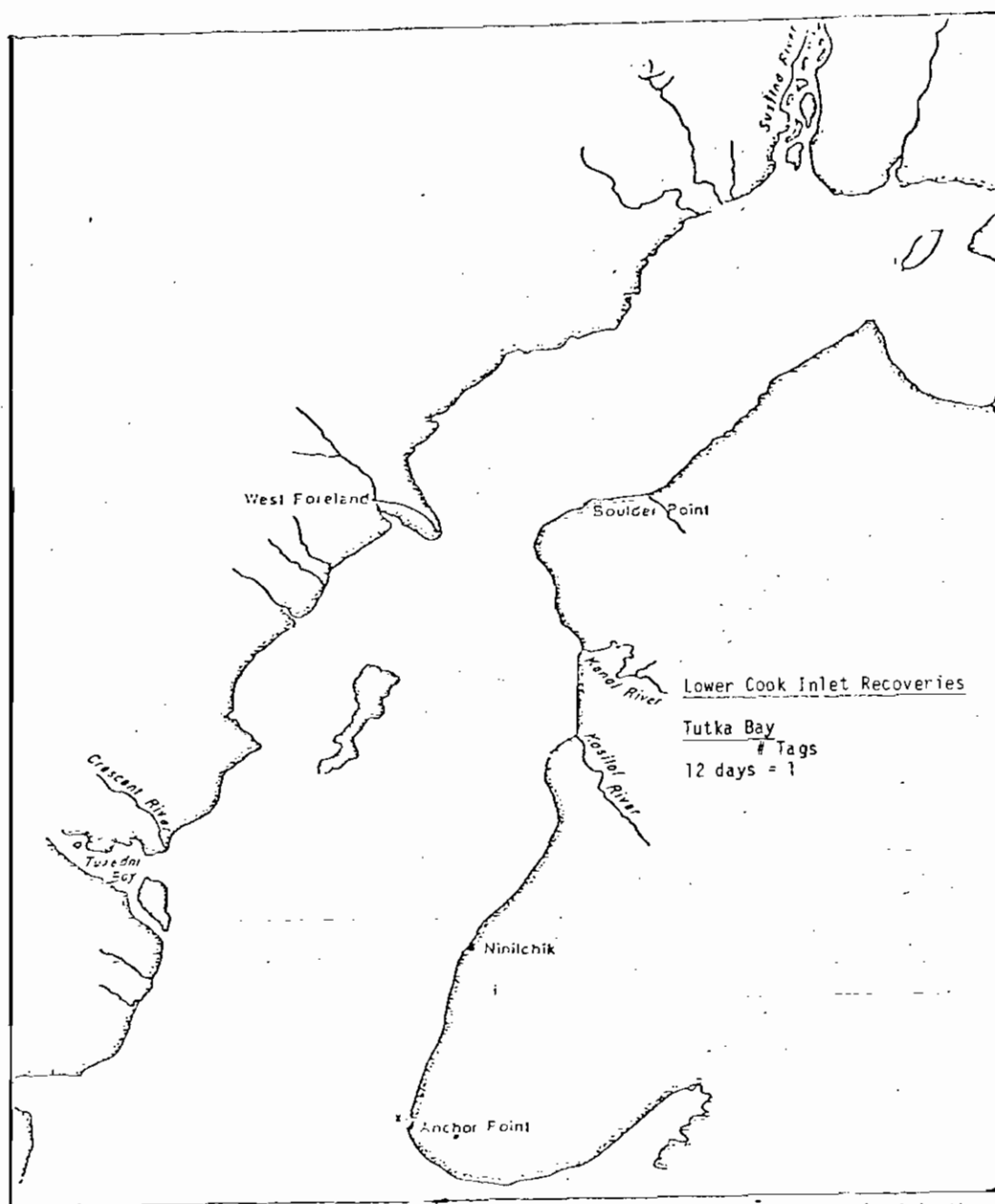


Figure A109. Location (X) of a single purse seine set on 7 July that resulted in the tagging and release of 3 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 7 July 1984.

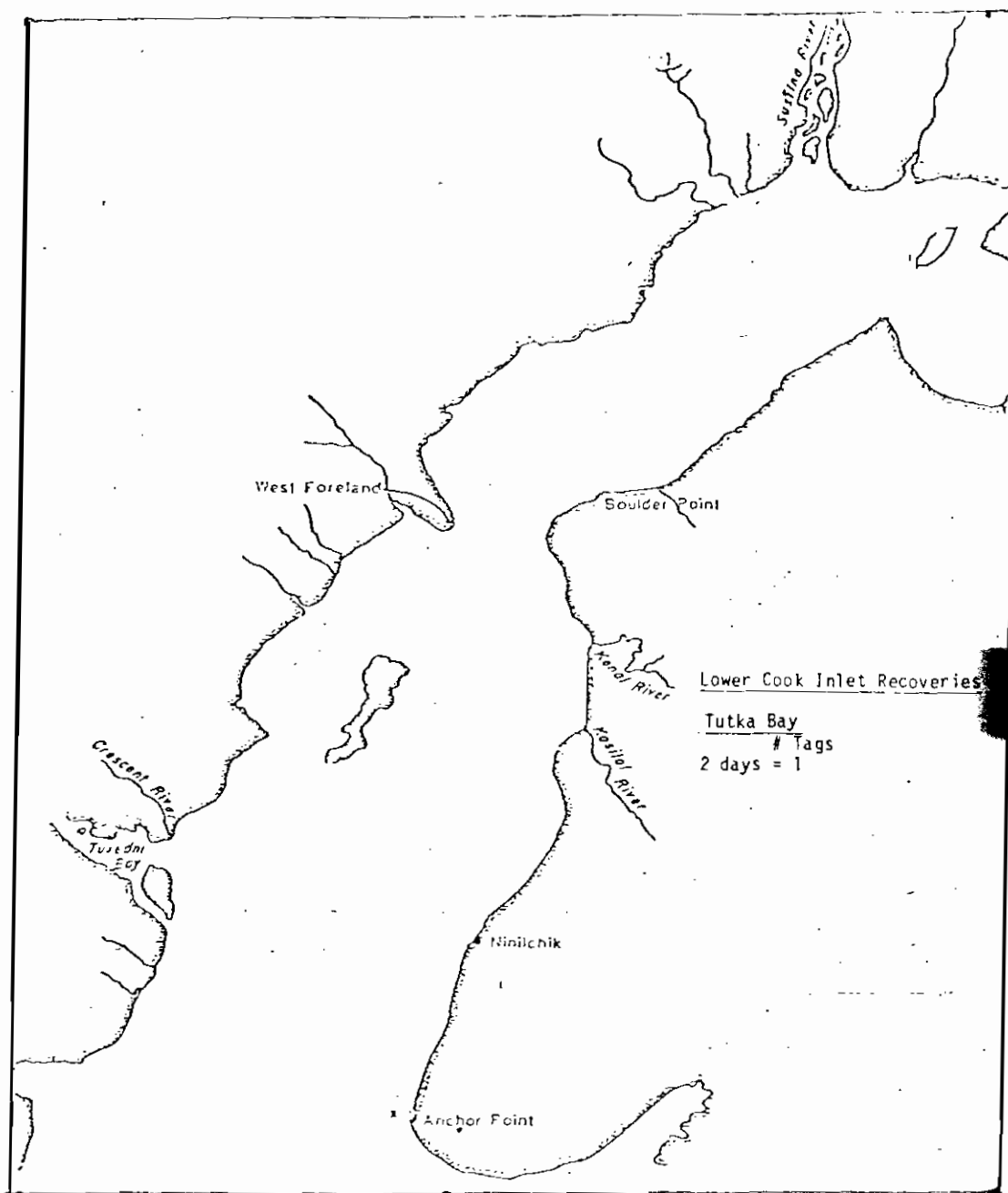


Figure A110. Location (X) of a single purse seine set on 8 July that resulted in the tagging and release of 4 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 8 July 1934.

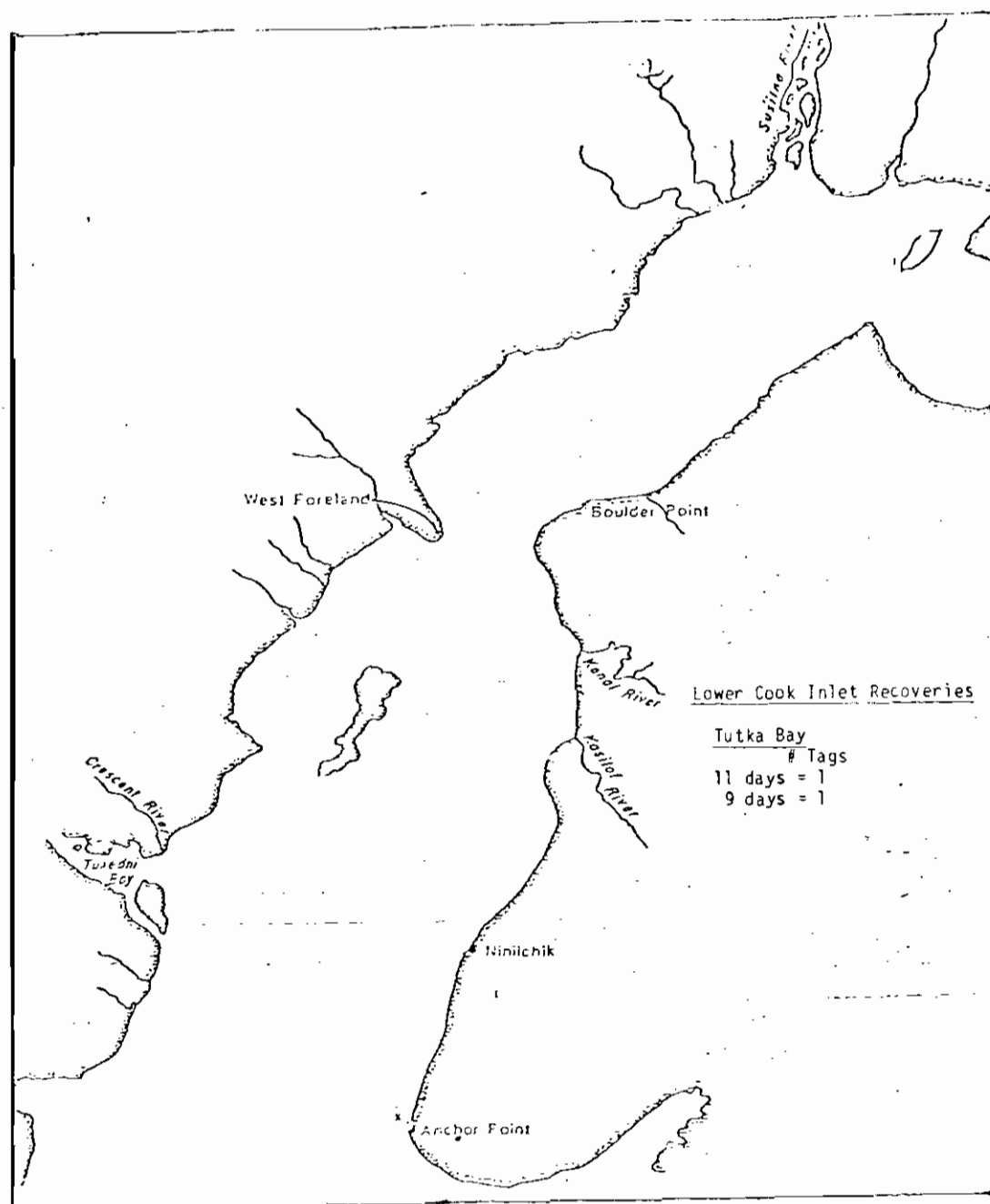


Figure A111. Location (X) of a single purse seine set on 9 July that resulted in the tagging and release of 5 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 9 July 1984.

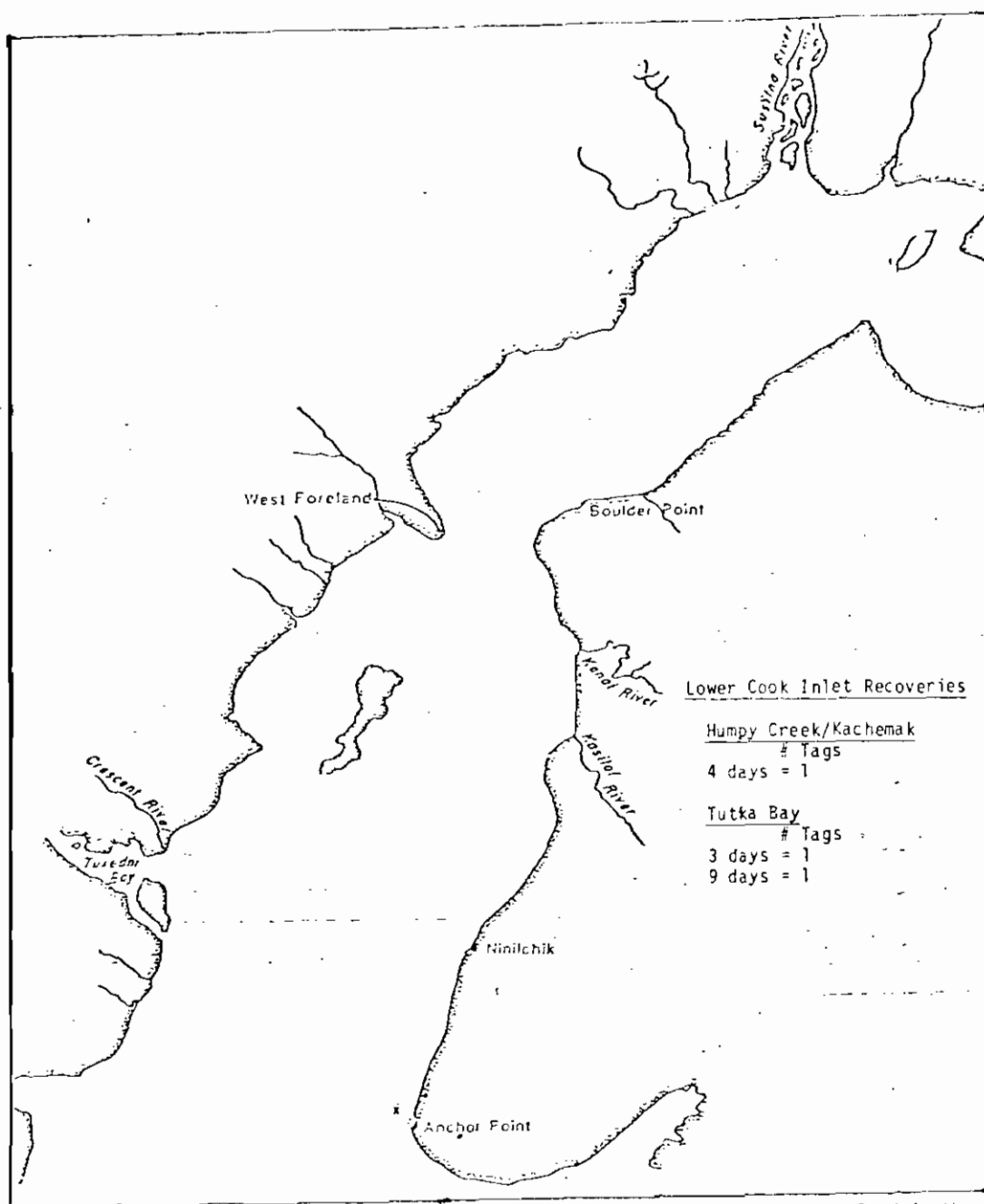


Figure A112. Location (X) of a single purse seine set on 9 July that resulted in the tagging and release of 15 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 9 July 1934.

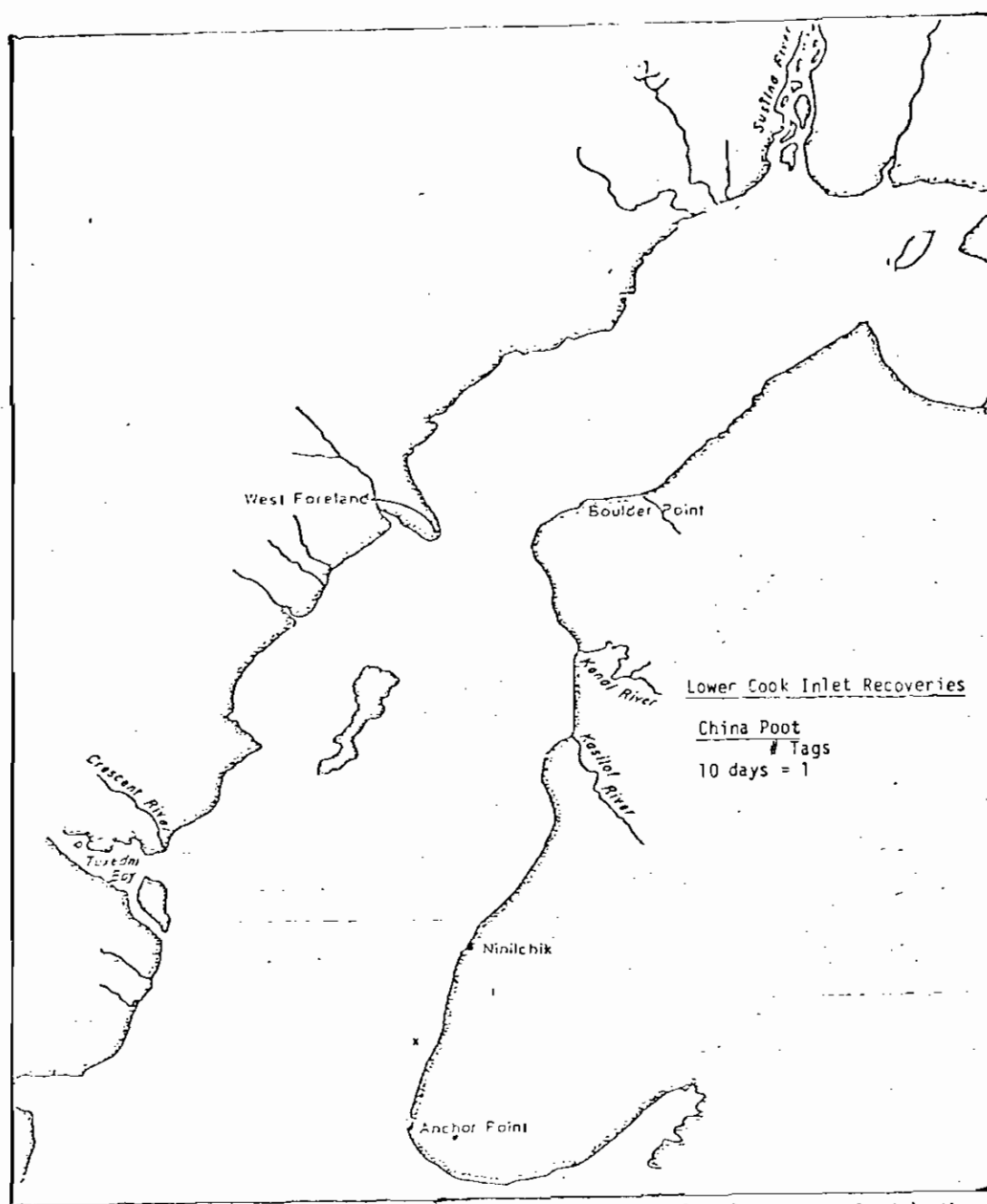


Figure A113. Location (X) of a single purse seine set on 10 July that resulted in the tagging and release of 5 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 10 July 1984.

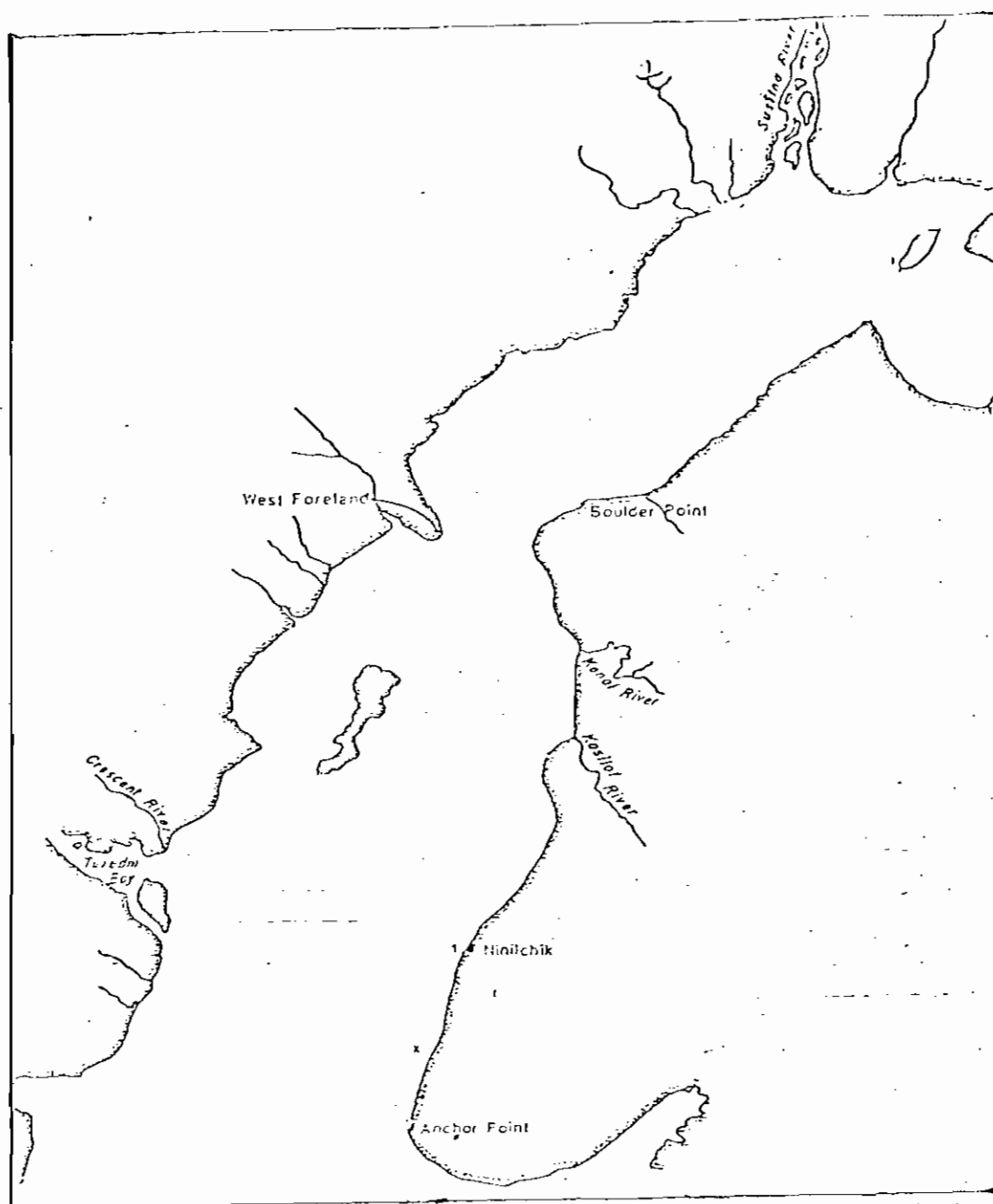


Figure A114. Location (X) of a single purse seine set on 11 July that resulted in the tagging and release of 2 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 11 July 1934.

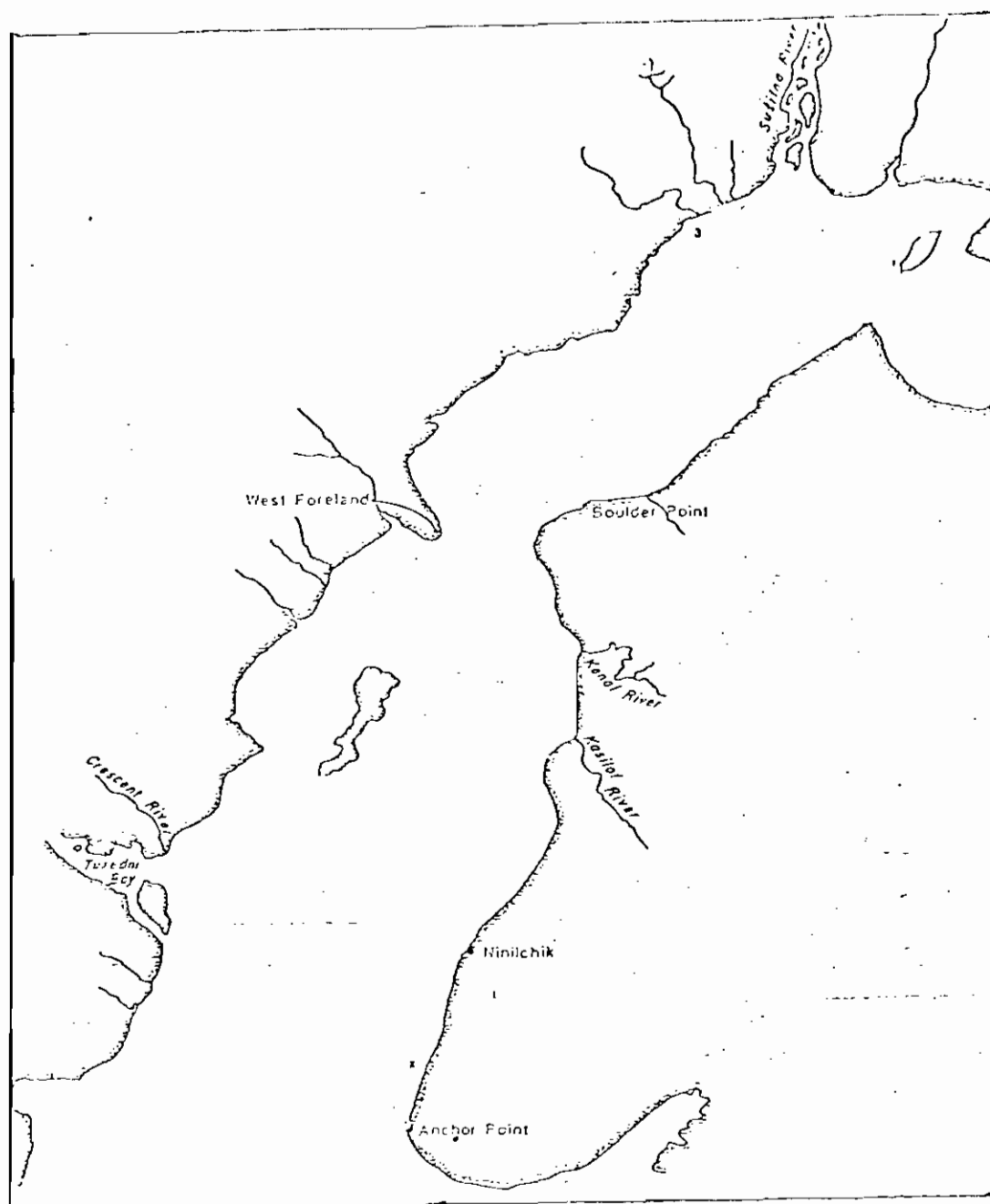


Figure A115. Location (X) of a single purse seine set on 14 July that resulted in the tagging and release of 6 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 14 July 1934.

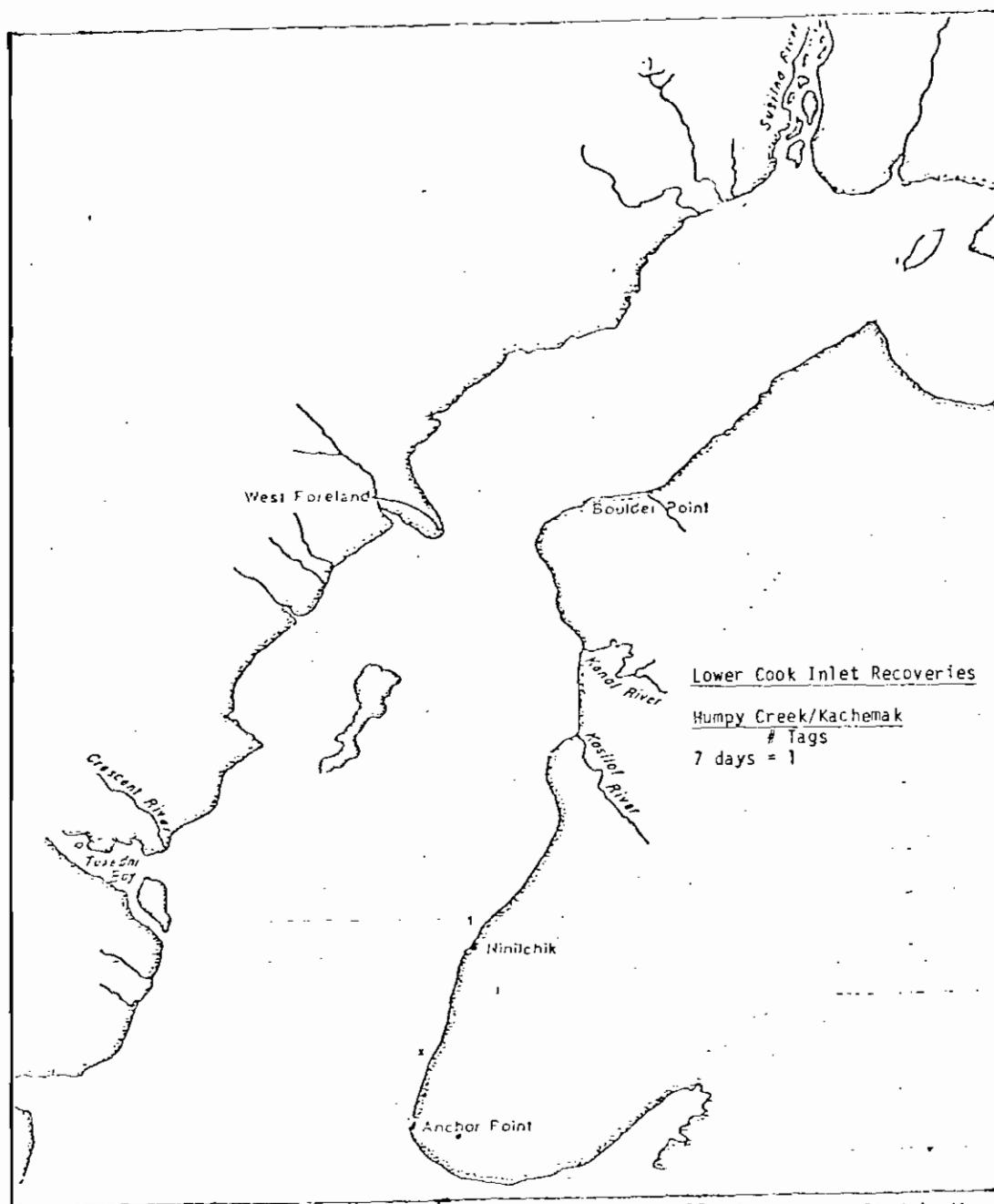


Figure A116. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 11 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1984.

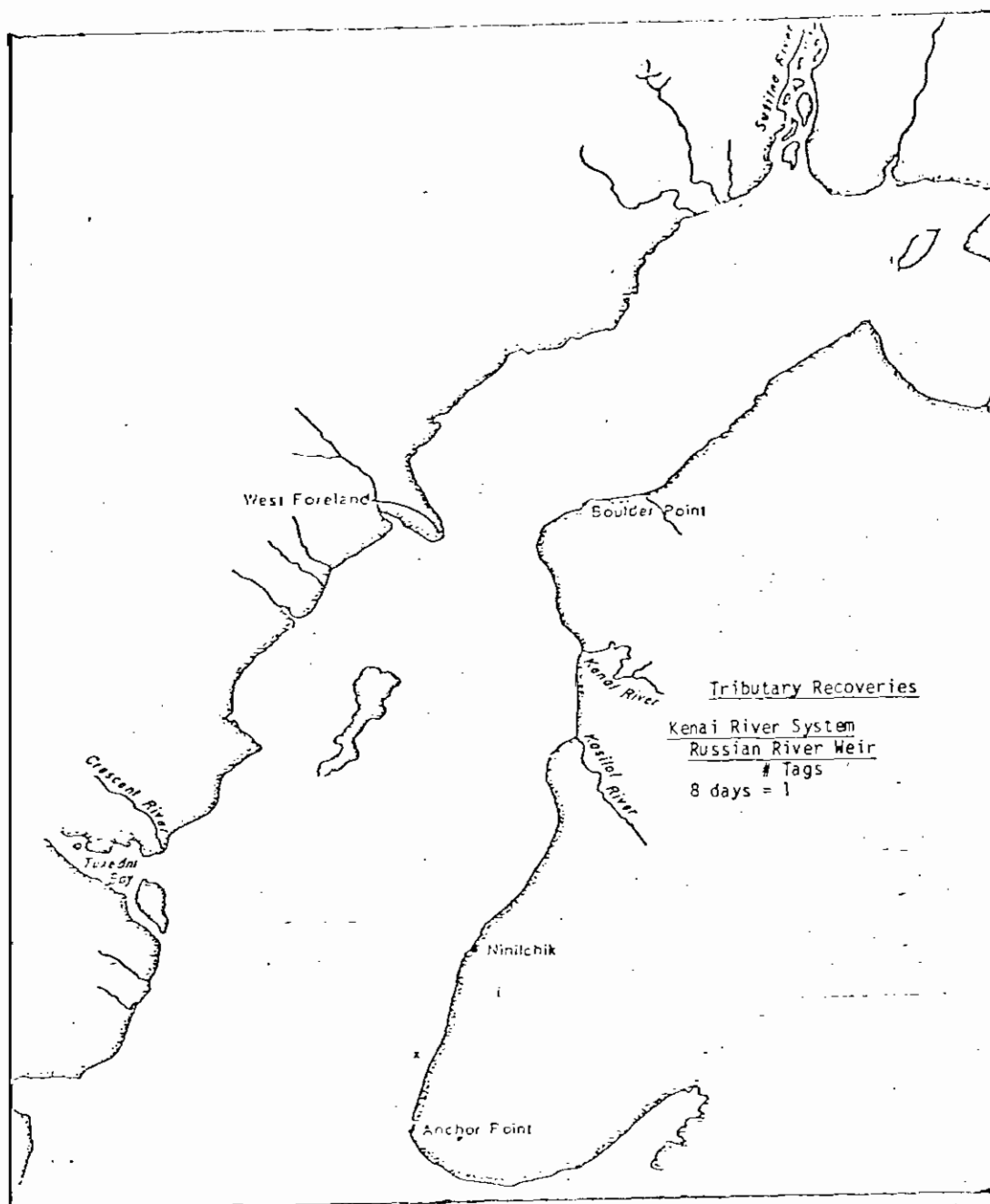


Figure A117. Location (X) of a single purse seine set on 15 July that resulted in the tagging and release of 7 pink salmon. Each number on the map represents the recovery of a single tag - the number indicates days passed since release on 15 July 1984.

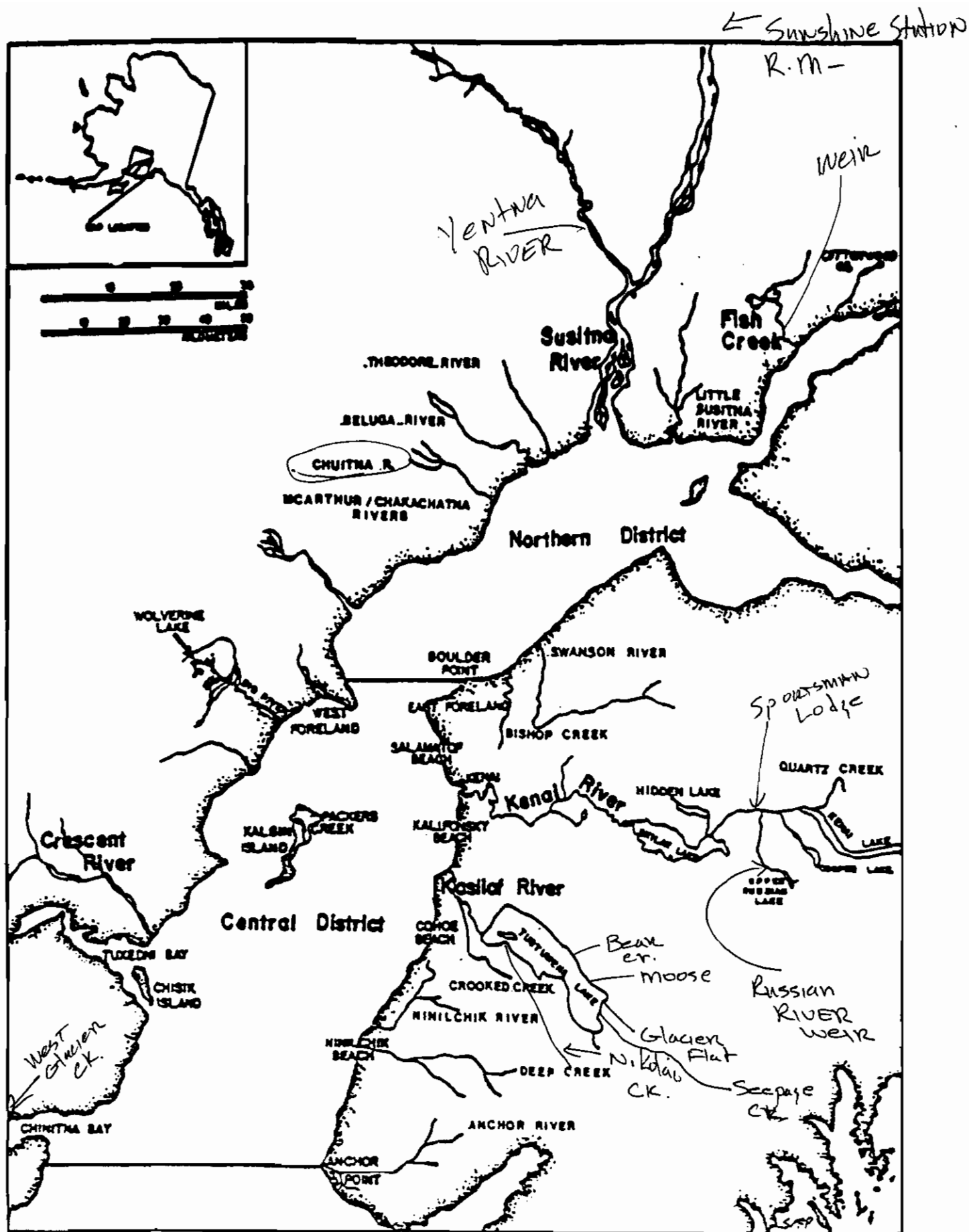


Figure 1. The Upper Cook Inlet area showing the location of the Northern and Central Districts and the major sockeye salmon spawning drainages .